TA-AV501/AV501R/AV601

SERVICE MANUAL

US Model
Canadian Model
E Model
TA-AV501

AEP Model
UK Model
TA-AV501R

US Model
TA-AV601

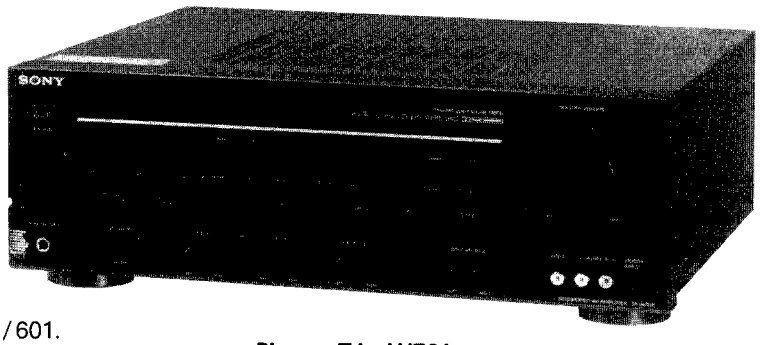


Photo : TA-AV501

- TA-AV501 (US) is the AMPLIFIER in SEN-501/601.
- TA-AV501 (Canadian) is the AMPLIFIER in STU-51.

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS
POWER OUTPUT AND TOTAL HARMONIC DISTORTION :

With 8 ohm loads both channels driven, from 20-20,000 Hz : rated 110 watts (TA-AV501) or 150 watts (TA-AV601) per channel minimum RMS power, with no more than 0.9% total harmonic distortion from 250 milliwatts to rated output.

Overall output
Front — TA-AV501 (US, Canadian models) :
110 W + 110 W
TA-AV501 (E model)
150W + 150W (THD 0.05%, 8-ohm load)
TA-AV501R (except for West Germany model) :
100W + 100W (DIN 1KHz, 8-ohm load)
TA-AV501R (West Germany model) :
110W + 110W (DIN 1KHz, 4-ohm load)
90W + 90W (THD 0.05%, 8-ohm load)
TA-AV601 (US model) :
150 W + 150 W
Surround — 15W + 15W
Music power output
650W (TA – AV501

Harmonic distortion
TA-AV601/TA-AV501 (US, Canadian models)
Less than 0.9% (at 1 kHz, 8-ohm load Front : Rated Power, Surround/DRLC : Off)
TA-AV501 (E Model)
Less than 0.9% (at 1 kHz, 8-ohm load Front : 150W + 150W, Surround Off)
TA-AV501R (except for West Germany model) :
Less than 0.05% (at 1 kHz, 8-ohm load, Front 80W + 80W, Surround Off)
TA-AV501R (West Germany model) :
Less than 0.05% (at 1 kHz, 4-ohm load, Front 90W + 90W, Surround Off)

Intermodulation (IM) distortion (60Hz : 7kHz)
Less that 0.9% at rated output
Frequency response
PHONO : RIAA equalization curve ± 0.5dB
TUNER, CD, GRAPHIC EQ, TAPE/DAT, VIDEO 1, 2, 3, 4 : 10Hz to 70kHz (West Germany model 10Hz to 30kHz), ± 3 dB
Residual noise — Less that 25 µV (8 ohms, network A)
Dampintg factor — 40 (ohms, 1 kHz)

Video section
Video input/output
Permissible signal input level
1.5 Vp-p
Output signal level
1 + 0.1 Vp-p/with 1 Vp-p input
(measured at MONITOR OUT)
Impedance (output)
75-ohm unbalanced, negative sync

Audio section
Input

Input jack	Jack type	Sensitivity	Impedance
PHONO (MM)	Phono	2.0 mV	50 kilohms
TUNER CD VIDEO 1, 2, 3 (LD), 4 TAPE/DAT	Phono	150 mV	50 kilohms

'78 IHF

Dolby input sensitivity
500 mV

Output

TAPE/DAT	Phono jacks	Voltage 150 mV Impedance 470 ohms
SPEAKER	———	Accepts speakers of 8-16 ohms or 4-16 ohms (West Germany model)
HEADPHONES	Stereo phone jack	Accepts low and high impedance headphones.
VIDEO 1, 2 MONITOR	Phono jack	1 Vp-p, 75 ohms

Tone controls — BASS: ± 7 dB (100 Hz)
TREBLE: ± 8 dB (10 kHz)

— Continued on next page —

MICROFILM

INTEGRATED STEREO AMPLIFIER

SONY®

General

System

Power amplifier — All-stage direct-coupled pure complementary SEPP OCL circuit

Surround amplifier — Semi complementary SEPP circuit

Preamplifier — NF type tone control

Surround circuit — Digital Delay surround circuit
Operation circuit matrix type

Power requirements

US, Canadian model : 120 V AC, 60 Hz
U.K. model : 240 V AC, 50/60 Hz
AEP, West Germany model : 220 V AC, 50/60 Hz
E model: 120 V, 220 V or 240 V AC adjustable, 50/60 Hz

Power consumption

US model : 250 W (TA-AV601)
: 200 W (TA-AV501)
Canadian mode : 435VA (TA – AV501)
U.K. model : 435 W (TA-AV501R)
AEP, West Germany model : 210 W (TA-AV501R)
E model : 290 W (TA-AV501)

Weight — TA-AV501 (US, Canadian models) / TA-AV501R : 10.9 kg (24 lb 1 oz)
TA-AV501 (E models) / AV601 : 11.1 kg (24 lb 8 oz)

Dimension — AEP model : 430 × 150 × 360 (W/H/D) mm (17 × 5 7/8 × 14 1/8 inches)
Other models : 430 × 150 × 355 (W/H/D) mm (17 × 5 7/8 × 13 7/8 inches)

Accessories supplied

TA-AV501 (US models) : RM-U202 or RM-204
Other models : RM-P302
Sony SUM-3 (NS) batteries (2)

Features

Amplifier Features

- This amplifier incorporates the power amplifier for the front speakers 110W + 110W (TA-AV501), 150W + 150W (TA-AV601) and that for the surround speakers 15W + 15W (TA-AV501/TA-AV601) independently. These amplifiers make possible a powerful surrounding sound from 4 speakers.
- The versatile input system controls 4 A/V input systems and 4 audio input systems.
- The DBFB (Dynamic Bass Feed Back) circuitry reinforces the bass sound at low listening level. The lower the sound level, the more the bass is emphasized.

Surround Features

- This unit has Digital Delay Surround system. This unit incorporates all of three types of surround effect.
- DOLBY SURROUND * — expands sound just like listening to it in a movie theater.
- Hall Surround-provides reverberation effect that is produced in a large concert hall.
- Simulated Surround-gives the feeling of width and thickness to monaural sound of old movies, etc.

operating voltage

Before operating the unit, check that the operating voltage of your unit is identical with the voltage of your local power supply.

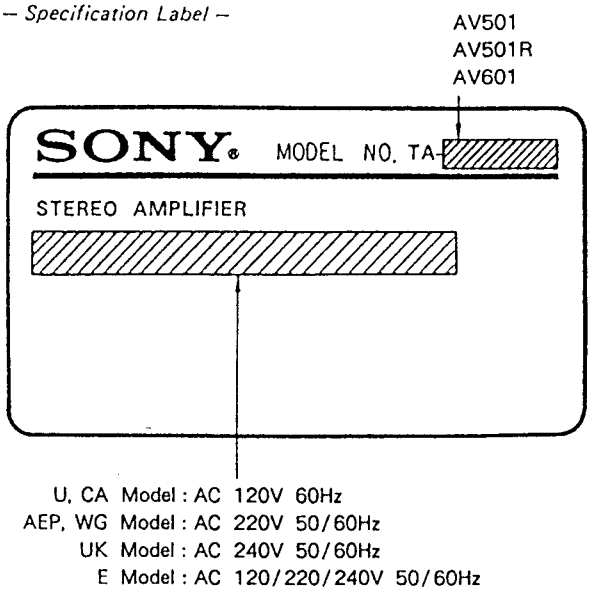
Where purchased	Operating voltage
Canadian Model	120 V AC
UK Model	240 V AC
AEP, West Germany Model	220 V AC
E Model	120 V, 220 V or 240 V AC adjustable The voltage selector is located on the rear panel. If the selector must be reset, disconnect the AC power cord and set the selector to the proper voltage of your local power supply.

TABLE OF CONTENTS

Section	Title	Page
	Specification	1
	Model Identification	2
	Safety Check-Out	3
1.	GENERAL	3
2.	ELECTRICAL CHECK	5
3.	ELECTRICAL ADJUSTMENTS	9
4.	DIAGRAMS	
4-1.	Circuit Boards Location	10
4-2.	Semiconductor Lead Layouts	10
4-3.	IC804 Pin Function	11
4-4.	Printed Wiring Board —Input section—	13
4-5.	Schematic Diagram —Input section—	17
4-6.	Printed Wiring Board —Joint Section—	21
4-7.	Schematic Diagram —Joint Section—	25
4-8.	Schematic Diagram —Micon Section—	28
	• IC Block Diagram	31
5.	EXPLODED VIEWS	32
5-1.	Front Panel Section	32
5-2.	Chassis Section	33
6.	ELECTRICAL PARTS LEST	34

MODEL IDENTIFICATION

– Specification Label –



SECTION 1
GENERAL

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

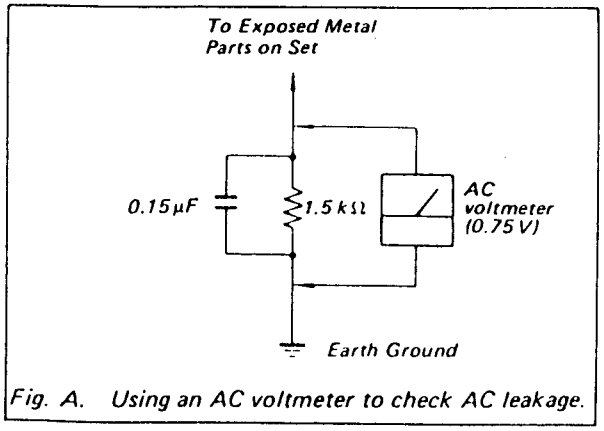
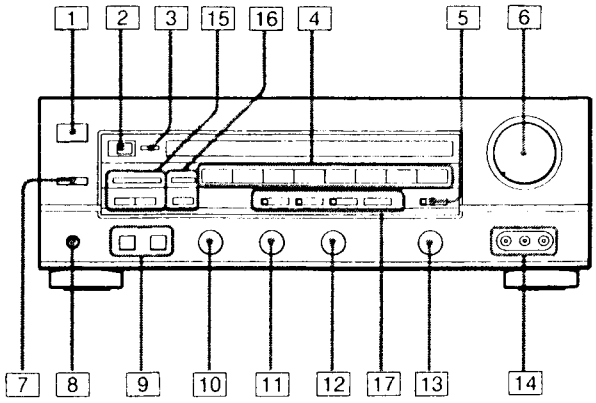


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

Parts identifications



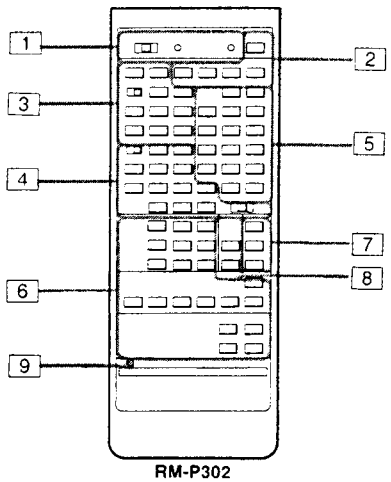
1 POWER switch
SYSTEM POWER Switch (E model)
2 Remote control sensor
3 DRLC indicator (TA-AV601 only)
STANDBY indicator (TA-AV501R/TA-AV501 : E model)
4 FUNCTION selectors and indicators
5 DBFB (Dynamic Bass Feed Back) button and indicator
MUTING button and indicator (TA-AV501R)
6 MASTER VOLUME control
7 DRLC/POWER switch (TA-AV601 only)
8 HEADPHONES jack (stereo phone jack)

9 SPEAKERS A, B selectors
10 BASS control
11 TREBLE control
12 BALANCE control
13 INPUT BALANCE control
14 VIDEO 4 INPUT jacks
15 SURROUND LEVEL +/− buttons and indicators
16 DELAY TIME button and indicators
17 SURROUND MODE selectors and indicators

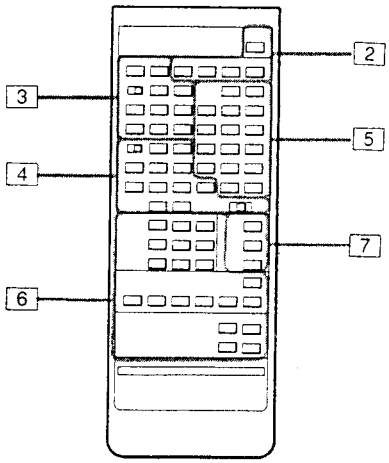
ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

Parts Identification of the Remote Commander



RM-P302



RM-U202/U204

1 Program control section (RM-P302 only)
Mode selector and indicator (page 17)
SONY STD: To control Sony equipment.
USER STD: To control equipment whose remote control functions are stored.
LEARN: To store functions of other remote commanders emittng infrared rays.
PROGRAM CLEAR button: Clears the stored functions.

2 Power control section
SYSTEM OFF button: Turns off the power of the whole system: LD, VTR, TV, AUDIO and DRLC (TA-AV601 only).
LDP/VTR/TV/AUDIO POWER buttons: Control the power of each unit. (The VTR button can be operative only when TAPE/VTR selector is set to VTR.)

3 CDP/LDP control section
CDP/LDP selector: Selects CD or LD (Laser disc) player to be played. The combined CD/LD player can be controlled with this selector set to LDP.
CONTINUE: Continuous play (only for CD player)
SHUFFLE: Shuffle play (only for CD player)
PGM: Program play (only for CD player) (Refer to the operating instructions of CD player.)
D (disc) SKIP: Disc skip (for a CD player equipped with a multi-disc changer)
►: Starts play.
I◄◄/►►I: Locates a desired selection
■: Stops play.
◄◄/►►: Manual search (only for LD player)

4 Tape deck/VTR control section
TAPE/VTR selector: Selects TAPE (tape deck) or VTR (VCR) to be controlled.
ANT TV/VTR button: Selects the output signal from the antenna terminal on the VCR, either a TV signal or VCR programs.
CH +/– buttons: Selects channel on the VCR.
◄◄/►►: Fast winding
■: Stop
◄/►: Play
II: Pause
O (RM-U202/U204 only): Record muting
● (RM-U202/U204 only): Recording (While pressing ●, press ►)
REV/●REC/FWD buttons (RM-P302 only):
For reverse recording, press REV and ● REC together.
For forward recording, press FWD and ● REC together.
DECK/VTR selector
DECK A, B, and DAT: Select A, B, or DAT.
VTR 1, 2, and 3: Select VCR type.
1: Betamax VCRs
2: 8mm VCRs
3: VHS VCRs

Notes
- These buttons other than the PAUSE button do not function for the TC-W306 (SEN-501) only.
- Even when the DECK/VTR selector on the remote commander is set to DECK/VTR 1, pressing the PAUSE button pauses only the B deck of the TC-W306. (RM-U204 only)

5 TV control section
VOL +/– buttons: Control the TV volume.
CH +/– buttons: Select a preset channel.
TV/VIDEO button: Selects the input signal of the TV.
Program number (1 to 0) and ENTER buttons: Select the channel.

6 Amplifier control section
FUNCTION selectors: Select an input source of the amplifier. (DAT button does not function for the TA-AV501/601.)
SURROUND MODE selectors: Select a surround mode.
DELAY TIME button: Controls the delay time.
REAR LEVEL +/– buttons: Control the surround level.
DBFB button: Reinforces the bass sound.
MUTING button: Mutes the sound. (This button does not function for the TA-AV501/601.)
MASTER VOL +/– buttons: Control the amplifier volume.

7 Tuner control section
SHIFT button: Selects a memory page.
TUNER PRESET station select buttons: Selects a preset station.

8 Turntable control section (RM-P302 only)
PHONO START button: Starts record playing.
PHONO STOP button: Stops record playing.

9 RESET button (RM-P302 only)
Reset the commander to the initial state.

SECTION 2
ELECTRICAL CHECK

Disassembling for board check (voltage measurement)

Note 1 : Tape should be stuck to the board edges so that the chassis does not touch the printed patterns or jumpers when boards are checked.

Note 2 : When back panel ❽ is removed to check the boards, an earth line of the input board goes out of the chassis. After the back panel is removed, screw ❸ must be tightened so that the input board is fixed.

1. Input Board

(Step 1)

1) Pull jumper plug ❶ out.
2) Remove screws ❷ to ❼.
3) Remove back panel ❽ with the power cord.

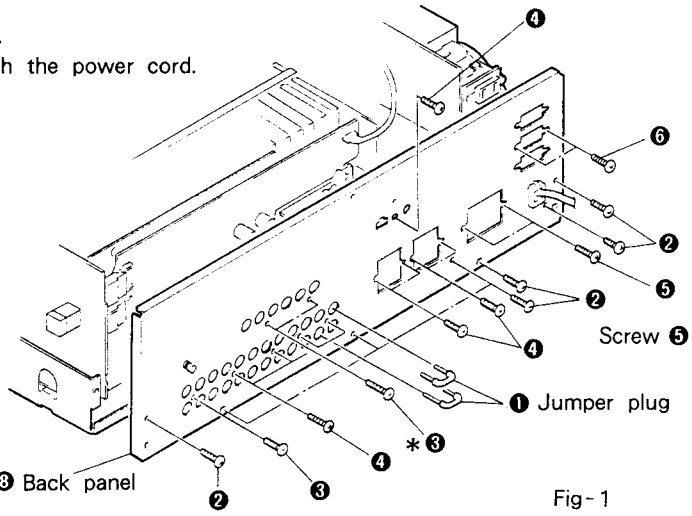


Fig-1

(Step 2)

1) Remove screw ❶ and ❷.
2) Remove connector ❸ of the MICOM board.
3) Remove connector ❹ of the SP board.
4) Remove connector ❻ of the power board and connector ❺ of the SUR board.
5) Remove the power mount block.

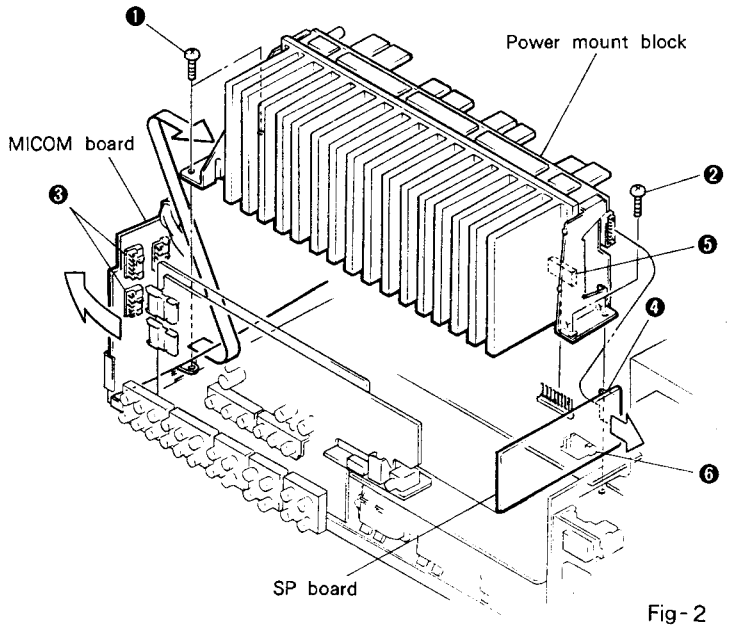


Fig-2

(Step 3)

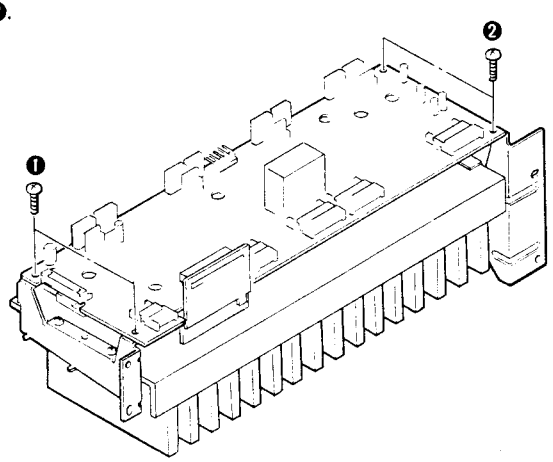
1) Set connector ❸ back to the previous position, which was removed in step 2.
2) Attach the input board using screw *❸ (Fig-3) which was removed in step 1.
3) Check the input board from the parts side.

2. Power Board

Perform steps 2 and 3 for the input board. However, it is not necessary to remove the back panel.

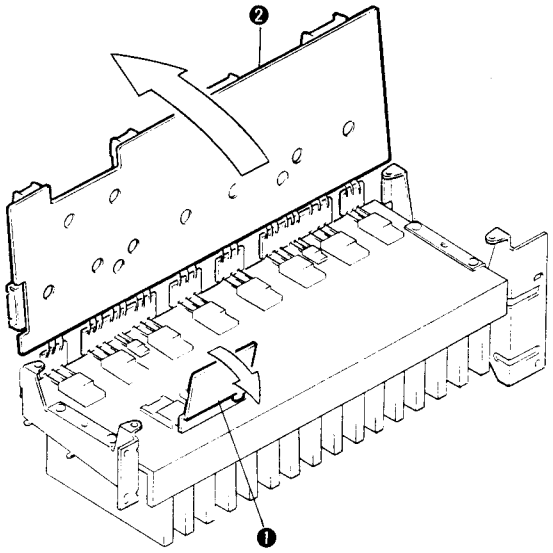
(Step 4)

1) Remove screws ❶ and ❷.



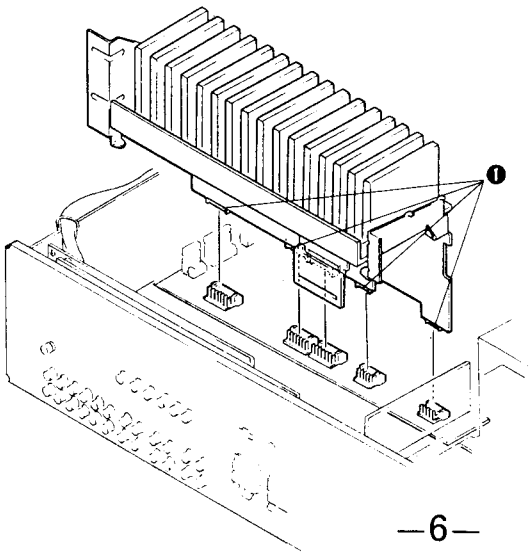
(Step 5)

1) Set the SUR board in the direction of the arrow.
2) Set the power board in the direction of the arrow.



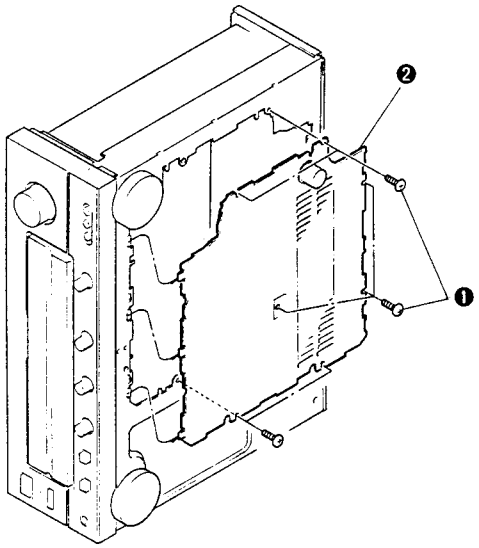
(Step 6)

1) Set the connectors of the power mount block to the unit.



(Step 7)

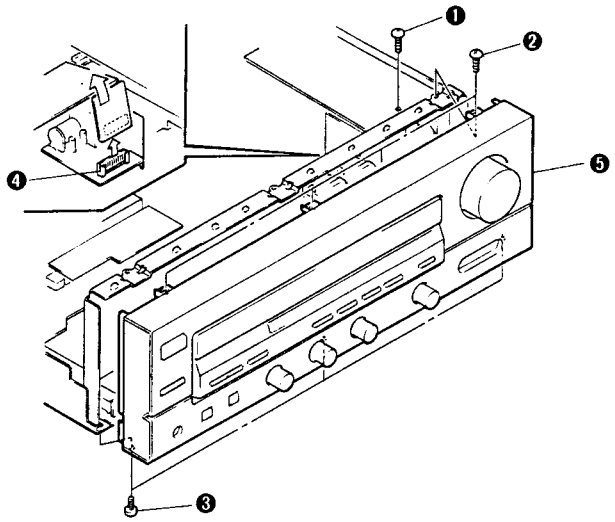
1) Remove screw ❶.
2) Remove bottom panel ❷.
3) Set the unit as shown in the figure and check the power board from the bottom side.



3. Control Board

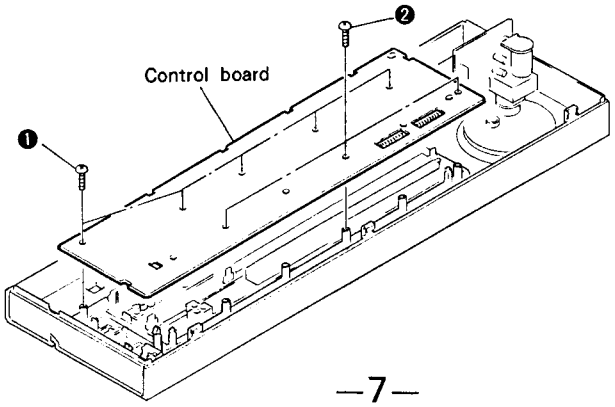
(Step 1)

1) Remove screws ❶ to ❸.
2) Remove connector ❹ of the VOL board.
3) Remove front panel ❺.



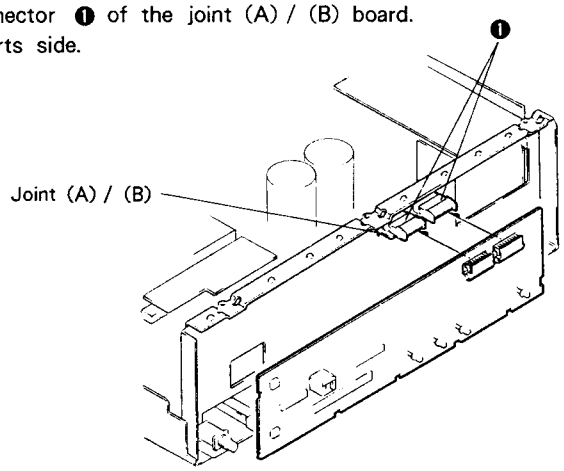
(Step 2)

1) Remove screw ❶ and ❷.
2) Remove the hooks which fix the control board and remove the board.



(Step 3)

1) Set the control board to connector ❶ of the joint (A) / (B) board.
2) Check the board from the parts side.



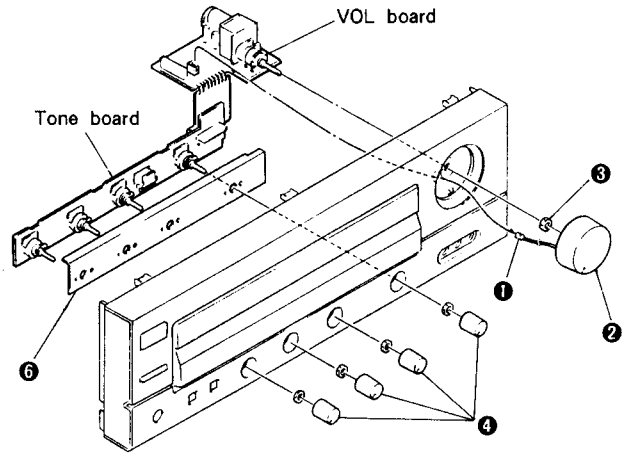
4. Tone and VOL Boards

(Step 1)

Perform (step ①) for the control board.

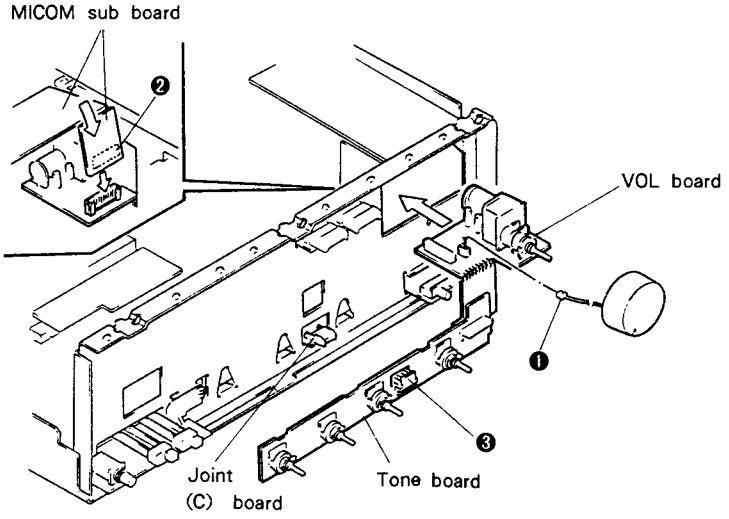
(Step 2)

1) Remove connector ❶ of the VOL board.
2) Pull control ❷ of the master volume control out and remove nut ❸.
3) Pull control ❹ and remove all nuts ❺.
4) Remove the control panel and shield plate ❻.



(Step 3)

1) Set connector ❸ and attach the volume control.
2) Set the VOL and tone boards back to the previous positions.
3) Connect connector ❸ of the tone board to the joint (C) board.
4) Connect connector ❷ of the MICOM SUB board to the VOL board.
5) Check the boards from the parts side.



SECTION 3
ELECTRICAL ADJUSTMENTS

DC Bias Adjustment

Perform this adjustment when replacing the transistors of the power amplifier.

Setup :

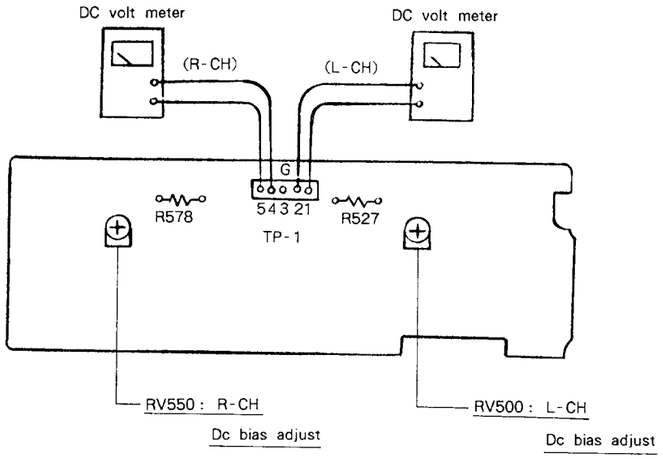
- No signal (no load)
- Minimum Volume

Procedure :

1. Connect the DC volt meter to the TP-1 (CN500).
2. After the power is turned on, complete within 30 seconds to adjust RV500 (L-CH) and RV550 (R-CH) so that the bias voltage becomes 1 mV.

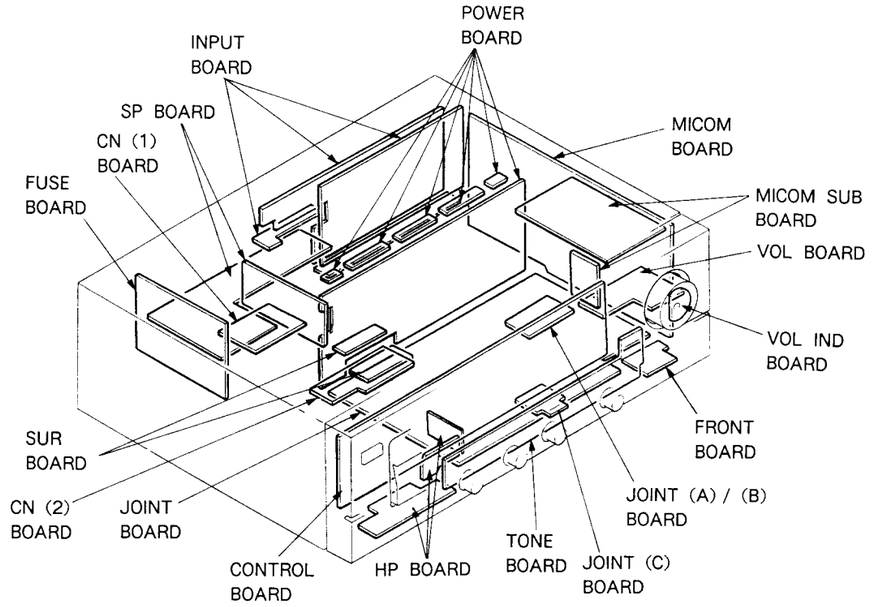
Note : This adjustment must be completed within 30 seconds.

– Adjustment Location –
Power board



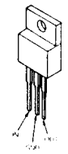
SECTION 4
DIAGRAMS

4-1. CIRCUIT BOARDS LOCATION

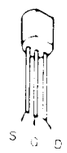


4-2. SEMICONDUCTOR LEAD LAYOUTS

M5F7805
RC7809FA

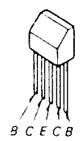


2SK246Y



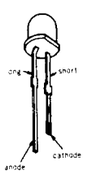
DTA124ES
DTC124ES
2SC2603-EF

2SA979-FG

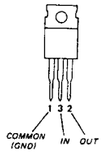


HZ4ALL
1S1585

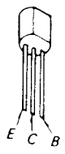
SEL2510C
SEL2810D-C
SEL2810D-D



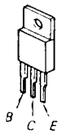
M5F7805
M5F7909



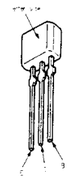
2SA733
2SC1841-PAFAEA
2SC3622A-LK



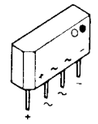
2SA1383
2SA985A-QP
2SC2275A-QP
2SC3514



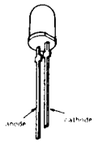
2SA1175



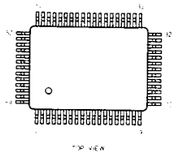
S1VB40



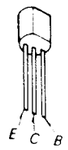
SEL1810D-C
SEL2210R-C



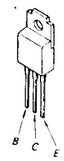
UPD75106GF



2SA988-F



2SD2012



HZS6B1L
HZS6C3L
1SS120
11ES2

D300

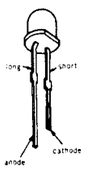
4-3. IC804

PIN No.	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
27	P
28	P
29	P
30	P
31	
32	
33	
34	
35	
36	
37	
38	P
39	P
40	P
41	
42	
43	P
44	P

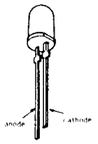
4-3. IC804 (μPD75106-741-3BE) PIN FUNCTION

PIN No.	Port	I/O	Normal	Active	Description
1	P41	O	L	H	Surround SP relay
2	P40	O	L	H	LINK SP relay
3	P53				NC
4	P52				NC
5	P51	O	H	L	Motor volume Control : down
6	P50	O	H	L	Motor volume Control : up
7		I			RESET
8					X1 } EXIT CRYSTAL (CLOCK)
9					X2 }
10	P63	O			NC
11	P62	O	X	X	Serial control SECK
12	P61	O	L	H	Digital delay REQ
13	P60	O	H	L	SEDATA
14	P73	O	L	H	LINK
15	P72	O	L	H	Surround sound VCL CK FUNC CL
16	P71	O	L	H	Serial data DATA Serial data DI
17	P70	O	L	H	– CE ST –
18	P83	O	L	H	Serial CKS for LED driver
19	P82	O	L	H	Serial CKL for LED driver
20	P81	O	H	L	Serial $\overline{OE}$ for LED driver
21	P80	O	L	H	Serial A for LED driver
22	P93	O	L	H	} Key scan output
23	P92	O	L	H	
24	P91	O	L	H	
25	P90	O	L	H	
27	P13/INT3	I	H	L	POWER SW
28	P12/INT2	I	H	L	Protect (SP relay off = "L")
29	P11/INT1	I	L	H	MAIN SIRCS input (serial data)
30	P10/INT0	I	L	H	SUB SIRCS input (serial data)
31	PTH03	I	L	H	} Key matrix input
32	PTH02	I	L	H	
33	PTH01	I	L	H	
34	PTH00	I	L	H	
35	TI0	I	L	H	
36	TI1				GND
37	P23	O	X	X	VIDEO SW : A
38	P22/POL	O	X	X	VIDEO SW : B
39	P21/PT01	O	H	–	MONITOR – MUTE
40	P20/PT00	O	L	H	READY IND "L" = ON
41	P03/SI	I	X	X	DBFB/MUTE mode input
42	P02/SC				LINK
43	P01/SCK				GND
44	P00/INT4	I	H	↓	STOP input

SEL2510C
SEL2810D-C
SEL2810D-D



SEL1810D-C
SEL2210R-C



PIN No.	Port	I/O	Normal	Active	Description
45	P123	O	X	X	Surround sound mode switch S_4
46	P122	O	X	X	Surround sound mode switch S_3
47	P121	O	X	X	Surround sound mode switch S_2
48	P120	O	X	X	Surround sound mode switch S_1
49	P133	O	X	X	LINK FUNCTION SW 4
50	P132	O	X	X	LINK FUNCTION SW B
51	P131	O	L	H	TAPE REC OFF
52	P130	O	H	L	NC
53	P143	O	L	H	VIDEO 1 REC OFF
54	P142	O	L	H	VIDEO 2 REC OFF
55	P141	O	H	L	Front line mute
56	P140	O	H	L	Surround sound (LINK) line mute
58					VDD Power Supply : 5V
59	P33	O	H	L	DRFB SW (ON = "L")
60	P32	O	H	L	TC PAUSE
61	P31	O	X	X	Surround sound mode SW S5
62	P30	O	L	H	LINK SW (LINK ON = "H")
63	P43	O	L	H	Power supply relay (ON = "H")
64	P42	O	L	H	Front SP relay

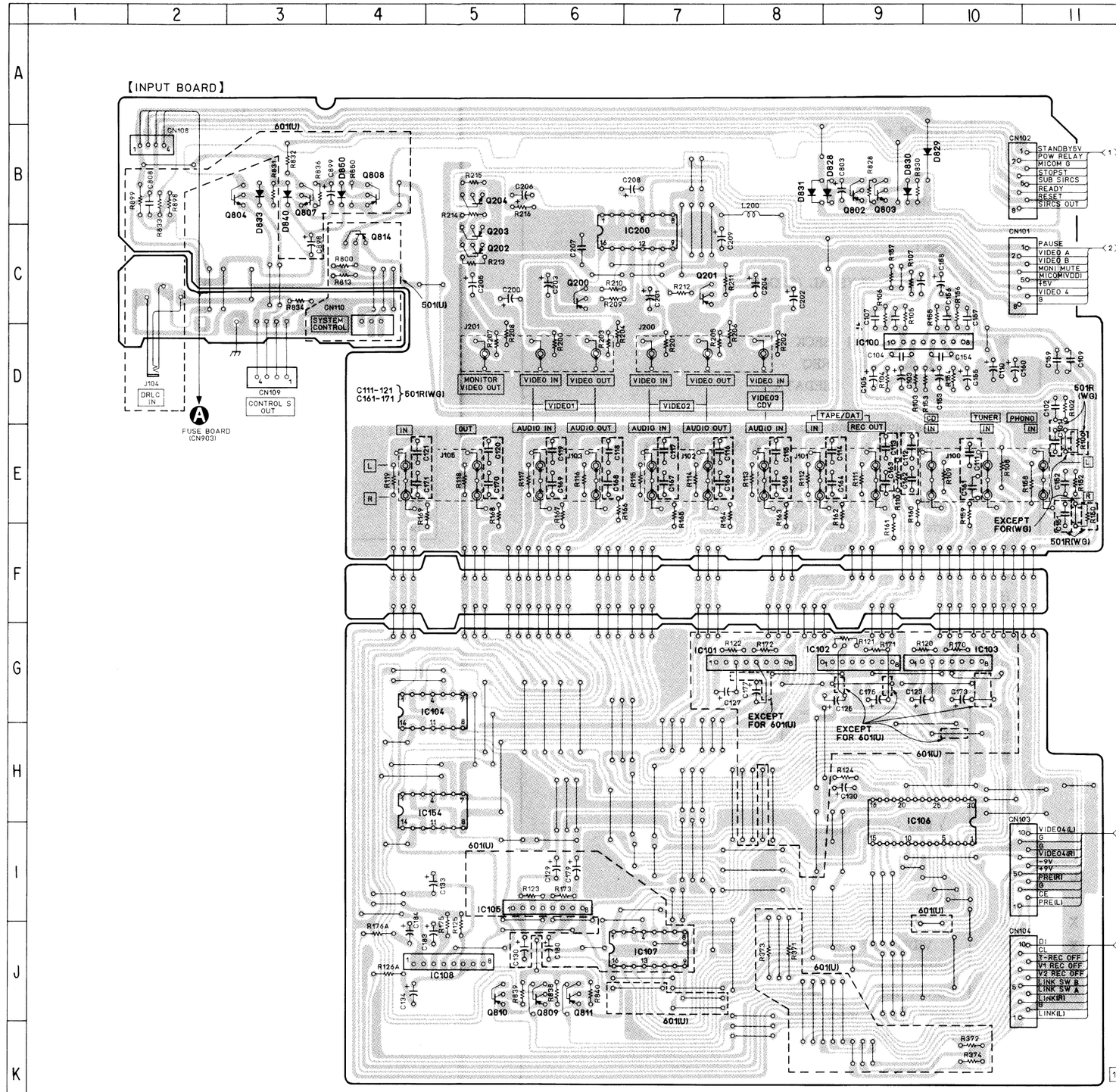
• See page 10 for Semiconductor Lead Layouts.

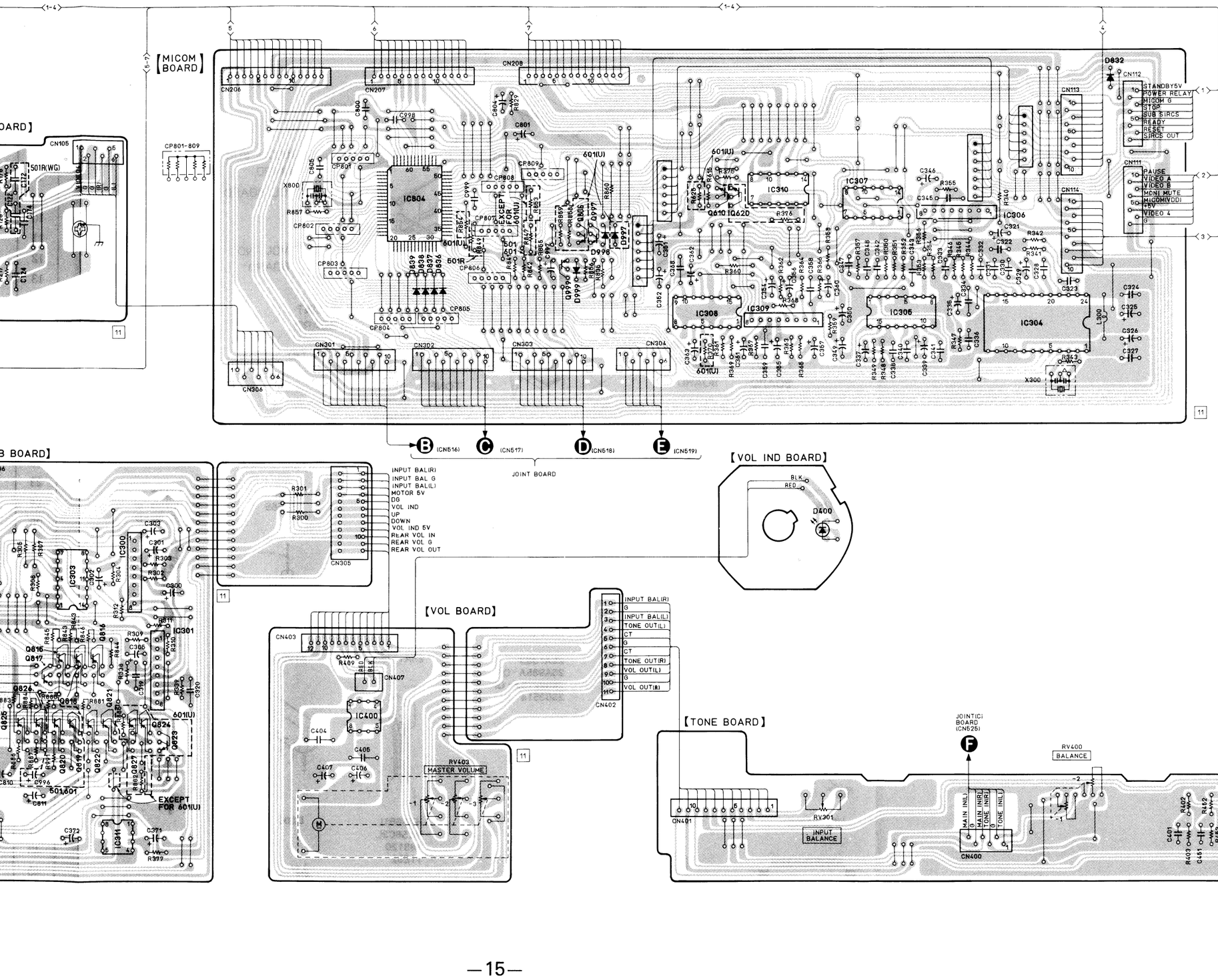
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D400	G-22	IC309	E-22
D828	B-9	IC310	C-22
D829	B-10	IC311	J-14
D830	B-9	IC400	I-17
D831	B-8	IC804	C-18
D832	B-26		
D833	B-3	Q200	C-6
D836	D-18	Q201	C-7
D837	D-18	Q202	C-5
D838	D-18	Q203	C-5
D839	D-18	Q204	B-5
D840	B-3	Q610	C-21
D850	B-4	Q620	C-21
D997	D-20	Q802	B-9
D998	D-20	Q803	B-9
D999	D-20	Q804	B-3
		Q806	D-20
IC100	D-9	Q807	B-3
IC101	G-8	Q808	B-4
IC102	G-9	Q809	J-6
IC103	G-10	Q810	J-5
IC104	G-5	Q811	J-6
IC105	I-6	Q815	H-14
IC106	H-9	Q816	H-14
IC107	J-7	Q817	I-14
IC108	J-5	Q818	H-14
IC154	H-5	Q819	I-14
IC200	C-7	Q820	I-14
IC300	G-14	Q821	I-14
IC301	I-15	Q822	I-14
IC303	H-14	Q823	I-15
IC304	E-25	Q824	I-15
IC305	D-23	Q825	I-13
IC306	C-24	Q826	I-13
IC307	C-23	Q827	I-15
IC308	E-21		

Note on Printed Wiring Boards:

- ○—— : parts extracted from the component side.
- ○—●—○ : Jumper wire connected to the ground pattern the component side.

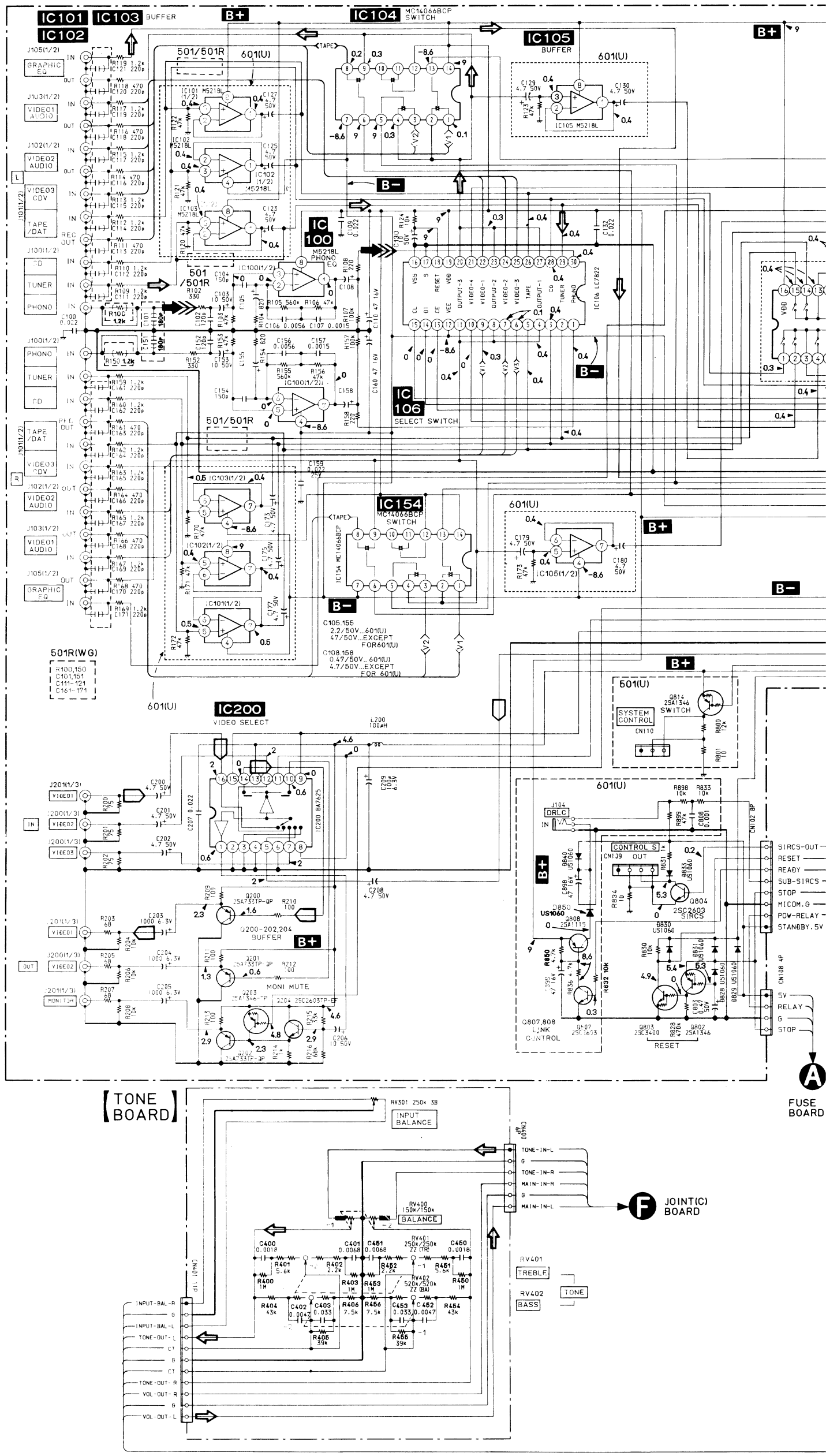



【MICOM BOARD】
CN206
CN207
CN208
CP801-809
IC804
601(U)
601R
EXCEPT FOR 601(U)
IC310
IC307
IC306
IC308
IC309
IC305
IC304
CN105
501R(WG)
CN112
CN113
CN114
CN111
STANDBY5V
POWER RELAY
MICOM 6
STOP
SUB SIRCS
READY
RESET
SIRCS OUT
PAUSE
VIDEO A
VIDEO B
MONI MUTE
MICOM(VDD)
CBV
VIDEO 4
G
CN301
CN302
CN303
CN304
CN306
(B) (CN516)
(C) (CN517)
(D) (CN518)
(E) (CN519)
JOINT BOARD
【VOL IND BOARD】
BLK
RED
D400
【VOL BOARD】
CN403
CN407
IC400
RV403
MASTER VOLUME
CN402
INPUT BAL(R)
G
INPUT BAL(L)
TONE OUT(L)
CT
G
CT
TONE OUT(R)
VOL OUT(L)
G
VOL OUT(R)
【TONE BOARD】
JOINT(C) BOARD (CN525)
(F)
CN401
RV301
INPUT BALANCE
CN400
RV400
BALANCE
TONE
RV401
TREBLE
RV402
BASS
INPUT BAL(R)
INPUT BAL G
INPUT BAL(L)
MOTOR 5V
D6
VOL IND
UP
DOWN
VOL IND 5V
REAR VOL IN
REAR VOL G
REAR VOL OUT
CN305
X800
X300
L300
D832

4-5. SCHEMATIC DIAGRAM – INPUT SECTION –

• See page 31 for IC block diagram.

【INPUT BOARD】



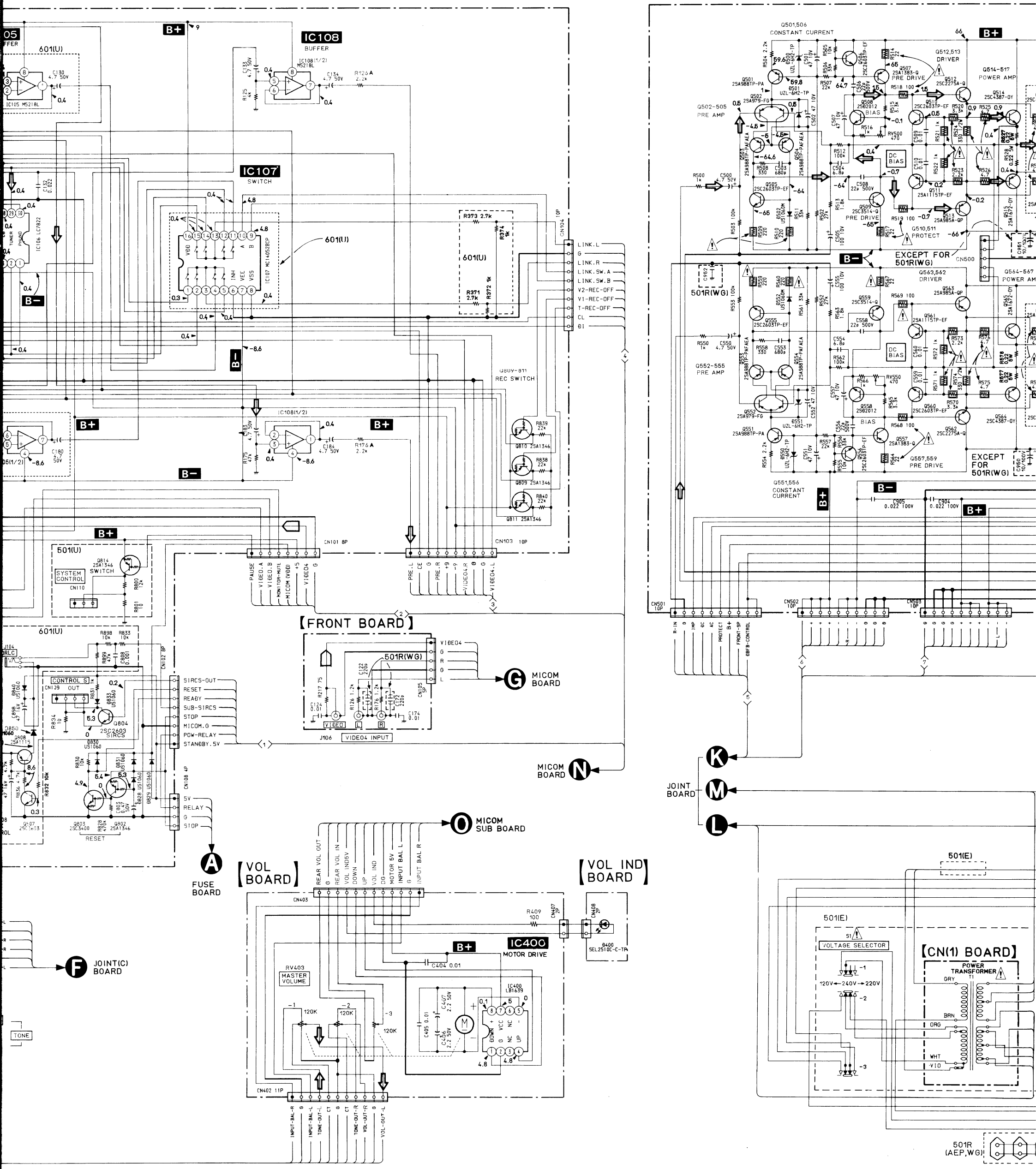
Note on Schematic Diagram:

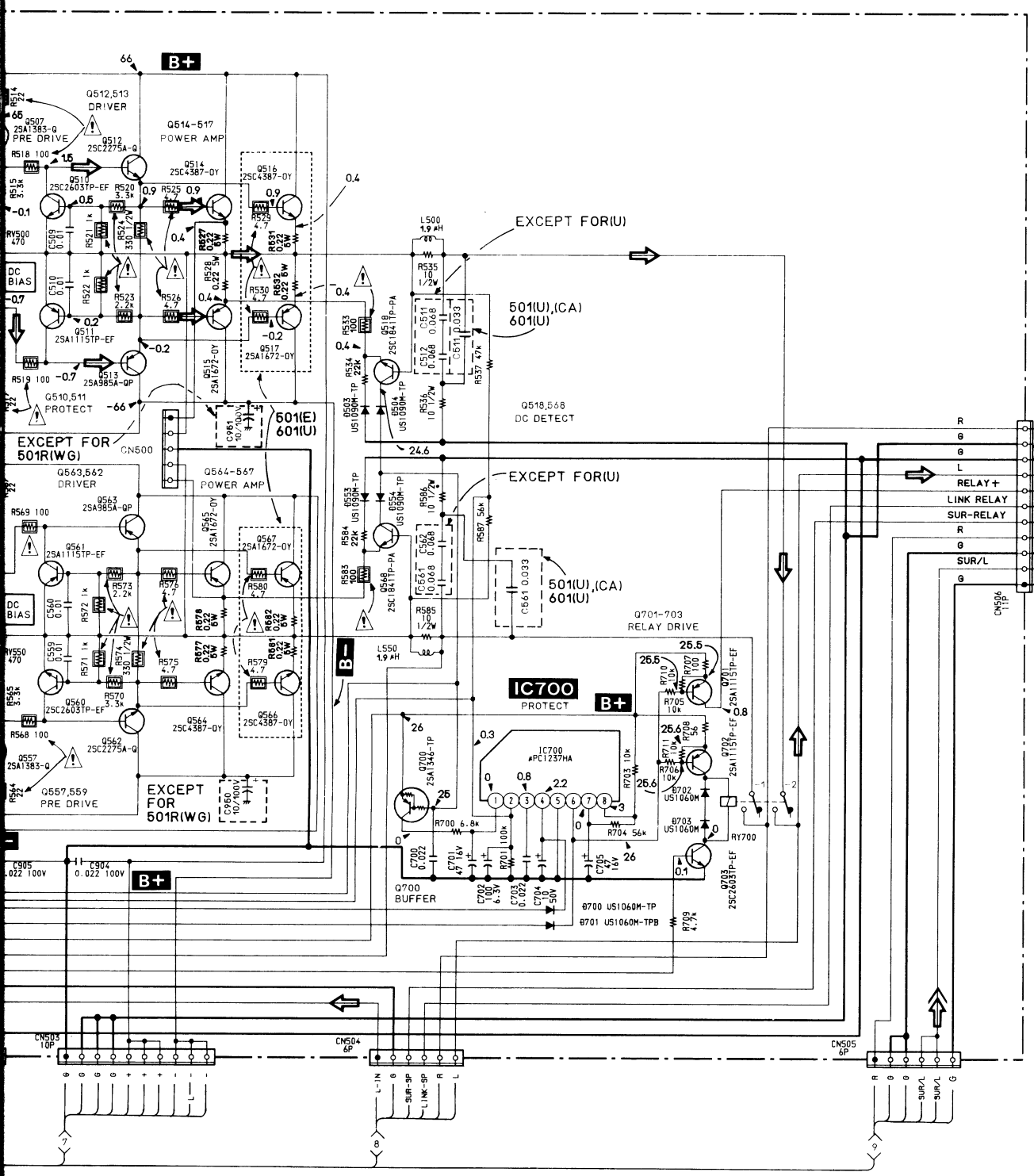
- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- Components for right channel have same values as for left channel. Reference numbers are coded from
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.

Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- : adjustment for repair.
- Voltage is dc with respect to ground under no-signal conditions.
- no matk : video 1 mode
- Voltages are taken with a VOM (impedance 10M Ω) Voltage variations may be noted due to normal production tolerances.
- Signal path.
  - : TUNER
  - : VIDEO (Picture)
  - : surround signal
  - : PHONO

C block diagram.




B+
Q512,513 DRIVER
Q514-517 POWER AMP
Q507 2SA1383-Q PRE DRIVE
Q512 2SC2275A-Q
Q514 2SC4387-OY
Q516 2SC4387-OY
Q510 2SC2603TP-EF
Q511 2SA1115TP-EF
Q513 2SA985A-QP
Q515 2SA1672-OY
Q517 2SA1672-OY
Q510,511 PROTECT
DC BIAS
EXCEPT FOR 501R(WG)
CN500
501(E) 601(U)
EXCEPT FOR(U)
501(U),(CA) 601(U)
Q518,568 DC DETECT
Q563,562 DRIVER
Q564-567 POWER AMP
Q563 2SA985A-QP
Q565 2SA1672-OY
Q567 2SA1672-OY
Q561 2SA1115TP-EF
Q560 2SC2603TP-EF
Q564 2SC4387-OY
Q566 2SC4387-OY
Q562 2SC2275A-Q
Q557 2SA1383-Q
Q557,559 PRE DRIVE
EXCEPT FOR 501R(WG)
Q701-703 RELAY DRIVE
IC700 PROTECT
IC700 μPC1237HA
Q700 BUFFER
Q700 US1060M-TP
Q701 US1060M-TPB
Q702 US1060M
Q703 2SC2603TP-EF
RY700
R
G
G
L
RELAY+
LINK RELAY
SUR-RELAY
R
G
SUR/L
G
CN506 11P
CN507 11P
CN503 10P
CN504 6P
CN505 6P
L-IN
SUR-SP
LINK-SP
SUR/L
【SP BOARD】
S500
SPEAKER
ON OFF
TM500 8P
501R (WG)
TM500 SPEAKER
EXCEPT FOR(WG)
501R(WG)
TM501 4P
TM501 SURROUND SPEAKER
RY701
Ø704 US1060M-TPB
Ø705 US1060M-TPB
601(U)
TM502 4P
TM502 DRLC SPEAKER
RY702
Ø706 US1060M-TPB
501R(WG)

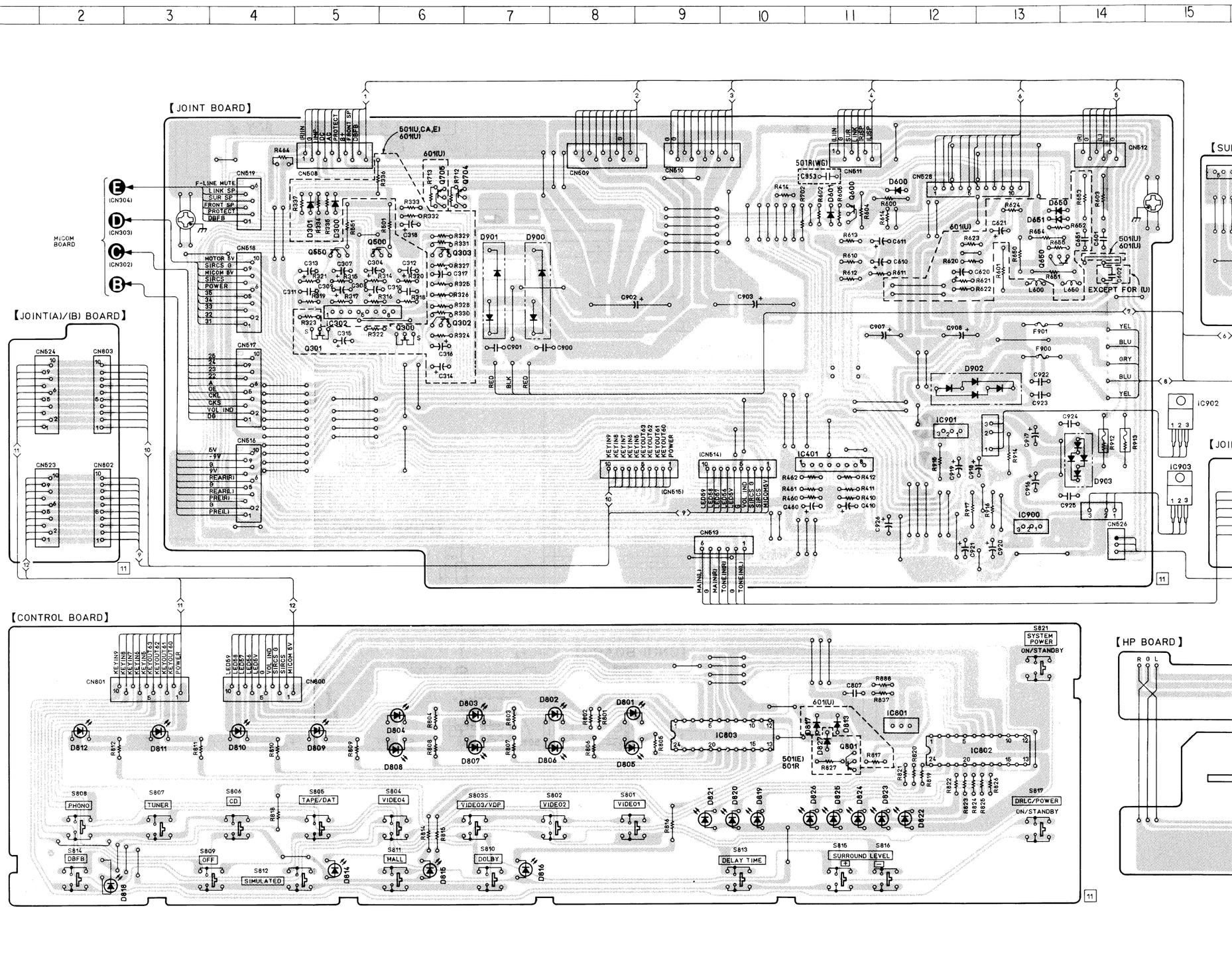
501(U,CA),601(U)
501R(AEP,WG,UK)
【CN(1) BOARD】
CN7
T1
POWER TRANSFORMER
【FUSE BOARD】
501(E)
CN5
CN4
CN1
CN2
CN3
CNJ1
CNJ2
【CN(1) BOARD】
POWER TRANSFORMER
GRY
BRN
ORG
WHT
VIO
AC IN
AC OUTLET
EXCEPT FOR(E)
501(U,CA,E),601(U)
501R (UK)
501R
EXCEPT FOR(U,CA)
F2
F2: 2.5A ···· 501R(AEP,WG,UK)
4A ···· 501(E)
F1: 8A ··· 601(U)
6.3A ··· 501(U,CA)
3.15A ··· 501R(AEP,WG,UK)
4A ··· 501(E)
501R (AEP,WG)
Q901 2SC2603TP-EF RELAY DRIVE
Q902-904 V.REG
Q902 2SD2012
Q903 2SA1115TP-EF
Q905 2SA1115TP-EF
Q904 2SC2603TP-EF
Q905,906 RIPPLE FILTER
B+
A
INPUT BOARD

• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D300	C-5	IC600	B-16
D301	C-5	IC700	E-19
D500	D-24	IC801	I-12
D501	D-25	IC802	I-12
D502	D-26	IC803	I-9
D503	D-27	IC900	F-13
D504	D-27	IC901	E-12
D550	C-18	IC902	E-15
D551	D-18	IC903	F-15
D552	D-19		
D553	D-21	Q300	D-6
D554	D-20	Q301	D-5
D600	B-12	Q302	D-6
D601	C-11	Q303	C-6
D650	C-13	Q500	C-5
D651	C-13	Q501	D-25
D700	E-19	Q502	D-25
D701	E-19	Q503	D-26
D702	E-20	Q504	D-26
D703	E-20	Q505	D-26
D704	H-21	Q506	C-24
D705	H-21	Q507	C-23
D706	H-23	Q508	B-25
D801	I-8	Q509	D-26
D802	H-7	Q510	C-24
D803	I-7	Q511	C-26
D804	I-6	Q512	C-24
D805	I-8	Q513	C-26
D806	H-7	Q514	B-24
D807	I-7	Q515	B-26
D808	I-6	Q516	B-25
D809	I-5	Q517	B-27
D810	I-4	Q518	D-27
D811	I-3	Q550	C-5
D812	I-2	Q551	D-18
D813	I-11	Q552	D-18
D814	J-5	Q553	D-19
D815	J-6	Q554	D-19
D816	J-7	Q555	D-19
D817	I-11	Q556	C-18
D818	K-2	Q557	C-18
D819	J-10	Q559	C-20
D820	J-10	Q560	C-19
D821	J-9	Q561	C-21
D822	J-12	Q562	C-19
D823	J-11	Q563	C-21
D824	J-11	Q564	B-18
D825	J-11	Q565	B-21
D826	J-11	Q566	B-20
D827	I-11	Q567	B-22
D900	C-7	Q568	D-20
D901	C-7	Q600	C-11
D902	E-12	Q650	C-13
D903	F-14	Q700	D-20
D904	H-27	Q701	E-20
D905	H-28	Q702	D-20
D906	G-28	Q703	E-20
D907	G-28	Q704	B-7
D908	G-28	Q705	B-6
D909	H-30	Q801	I-11
D910	H-30	Q902	G-28
D911	H-28	Q903	G-29
		Q904	G-28
IC302	D-5	Q905	G-29
IC401	F-11	Q906	G-30

Note on Printed Wiring Boards:

- ○—— : parts extracted from the component side.
- ○—●—○ : Jumper wire connected to the ground pattern on the component side.



13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32

【POWER BOARD】

【SUR BOARD】

【JOINT (C) BOARD】

【HP BOARD】

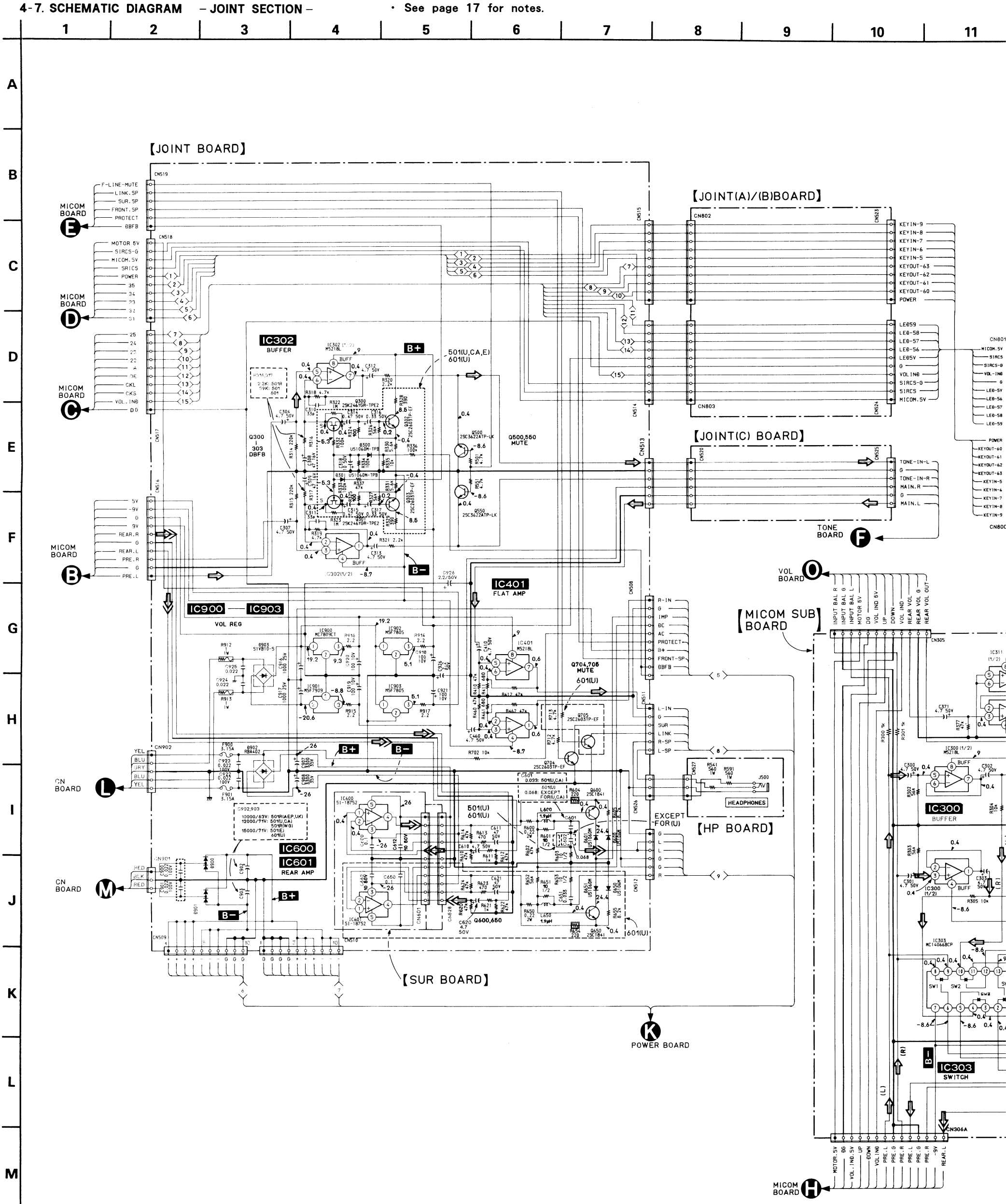
【SP BOARD】

【CN(1) BOARD】

【CN(2)BOARD】

【FUSE BOARD】

• See page 17 for notes.



【CONTROL BOARD】

【NT(A)/(B)BOARD】

【NT(C) BOARD】

【MICOM SUB BOARD】

IC803 LED DRIVE

IC802 LED DRIVE

IC801 SIRCS

IC311 BUFFER

IC300 BUFFER

IC301 INVERT/MATRIX

IC303 SWITCH

Q816-818,823,824,827 INVERT SWITCH

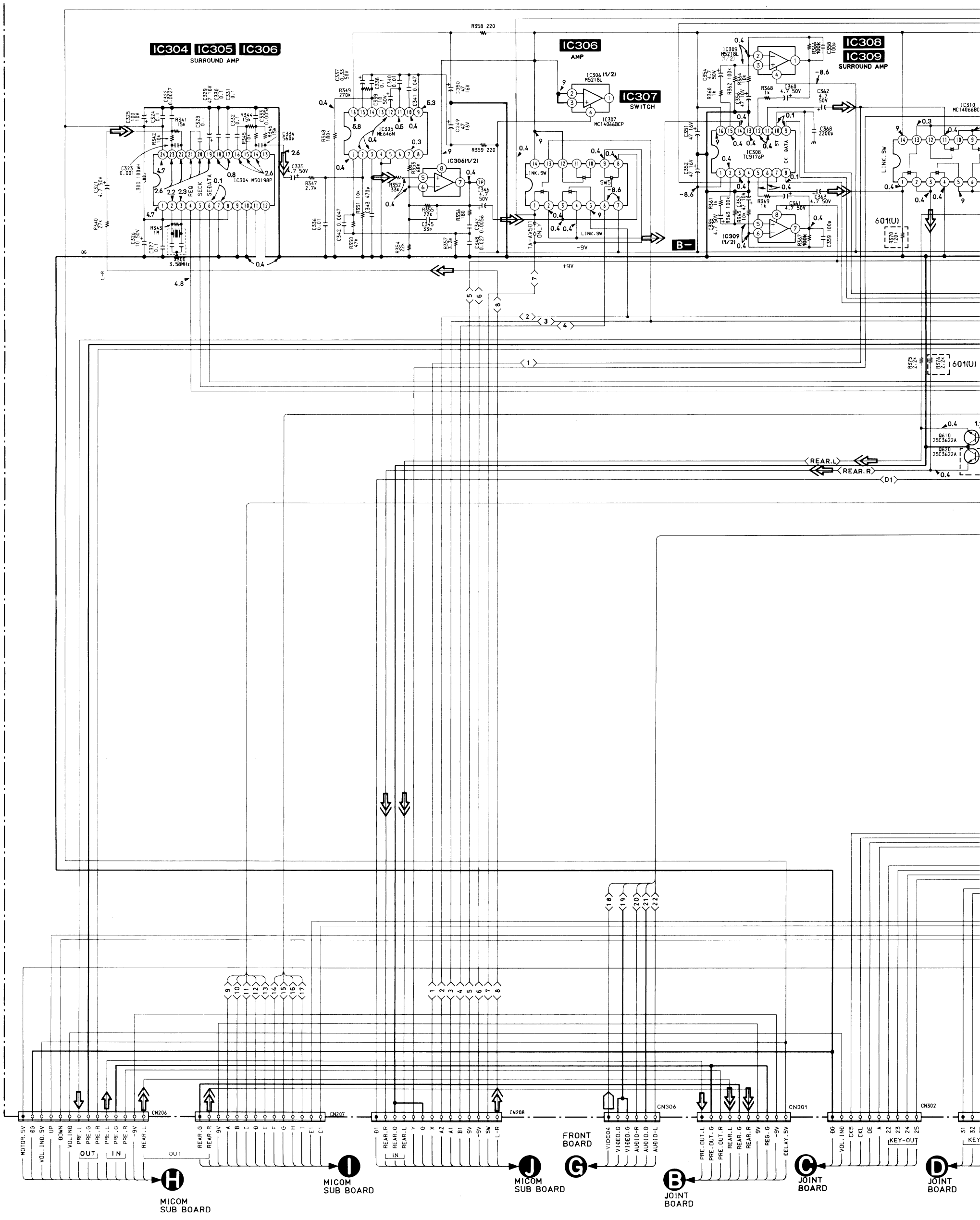
Q819,820,821,822 SWITCH

Q825,826 MUTE

4-8. SCHMATIC DIAGRAM – MICON SECTION –

· See page 17 for notes.

【MICOM BOARD】



IC308
IC309
SURROUND AMP

IC310
SWITCH

IC804
IC804 μPD75106
CONTROLLER

Q806,998
SIRCS AMP

Q999
PROTECT

Q806
2SC2603

Q610,620
MUTE

CN111 CN112 CN114 CN113

G (S) VIDEO4 5V/VIDEO MICOM (VDD) MONITOR-MUTE VIDEO.B VIDEO.A PAUSE
SIRCS-OUT RESET READY SUB-SIRCS STOP MICOM.G POW-RELAY STANDBY5V
VIDEO4.L GND GND VIDEO4.R -9V 9V PRE.R GND CE PRE.L
D1 CL TAPE.OFF V1.OFF V2.OFF LINK.SW.B LINK.SW.A LINK.R G LINK.L

INPUT BOARD

B+ B− B+ B+

601(U)
EXCEPT FOR 601(U)
501R
501,601

STANDBY.5V VDD STOP

RESET SIRCS-OUT SUB-SIRCS

REAR.L REAR.R D1

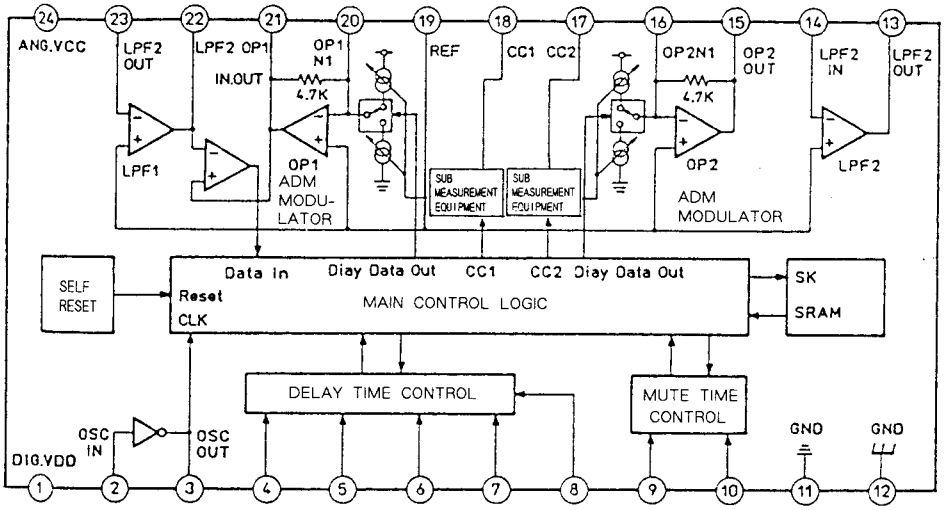
CN301 CN302 CN303 CN304

REAR.R 9V REG.G -9V DELAY.5V
DG VOL.IND CKS CKL OE A 22 23 24 25 KEY-OUT
31 32 33 34 35 KEY-IN POWER SIRCS MICOM.5V SIRCS-G MOTOR.5V
DBFB PROTECT FRONT.SP SUR.SP LINK.SP F-LINE-MUTE

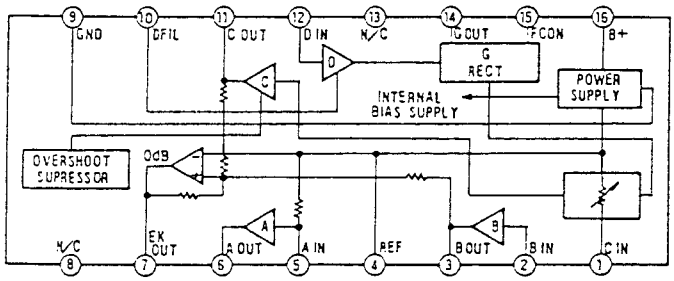
C JOINT BOARD
D JOINT BOARD
E JOINT BOARD

IC BLOCK DIAGRAM

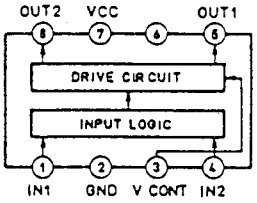
IC304
M50198P



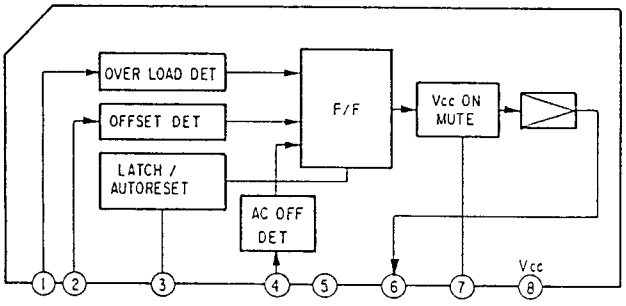
IC305
NE646N



IC400
LB1639



IC700
μ PC1237HA



SECTION 5
EXPLODED VIEWS

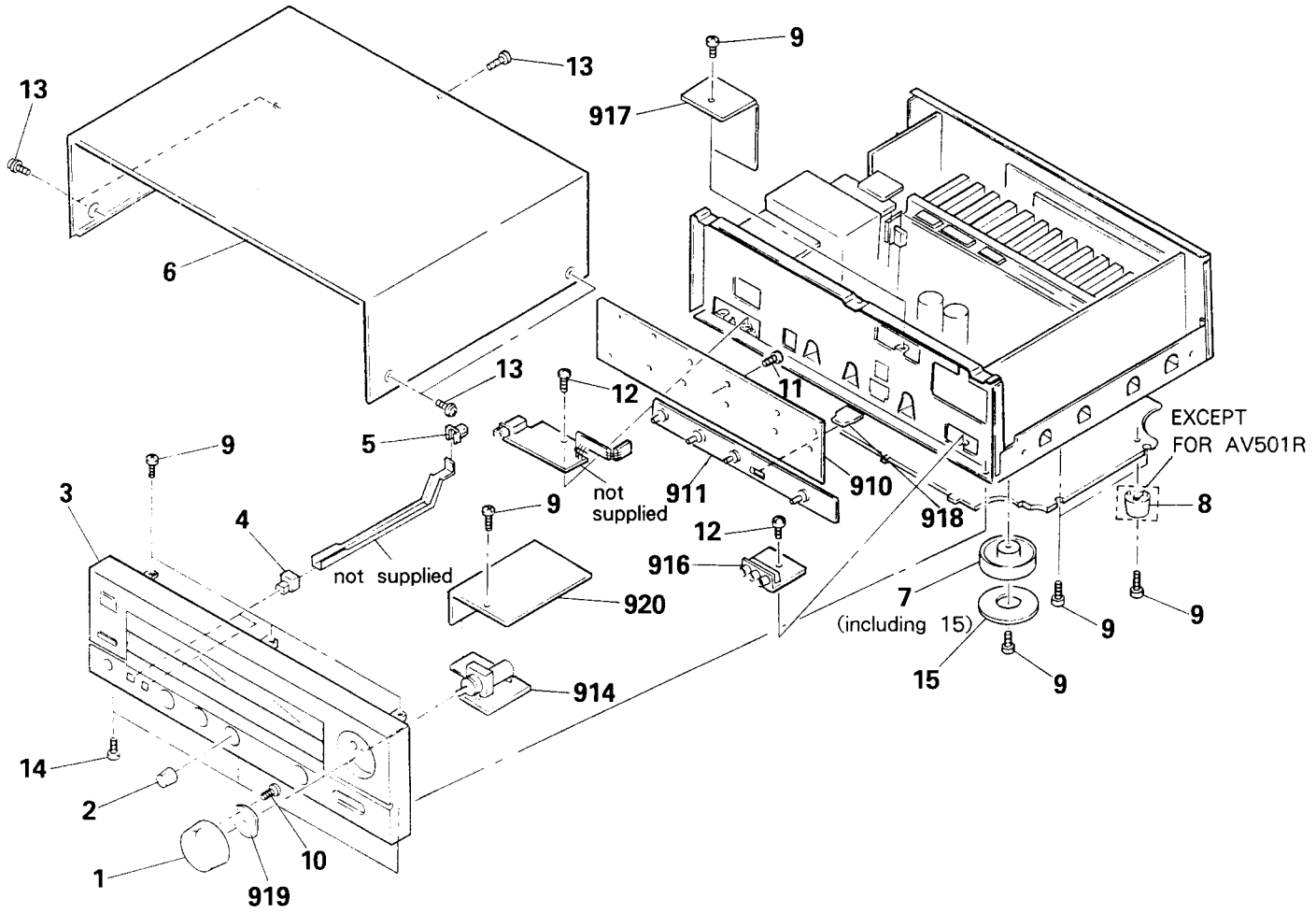
NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts
  Example:
  (RED) . . . KNOB, BALANCE (WHITE)
  ↑ ↑
  Cabinet's Color Parts' Color

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

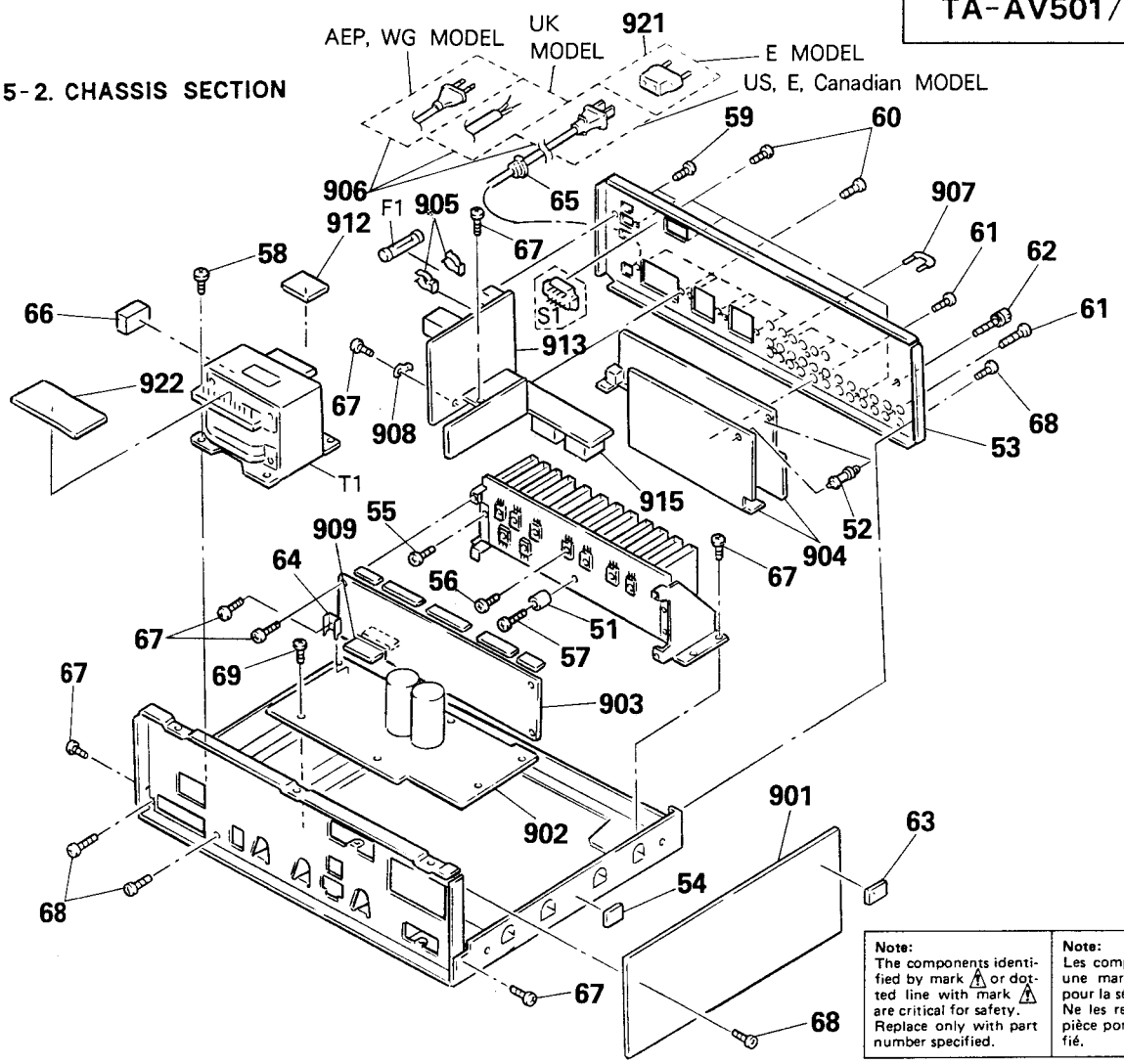
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifé.

5-1. FRONT PANEL SECTION



No.	Part No.	Description	Remarks
1	4-929-288-01	KNOB (VOL 47)	
2	4-927-863-01	KNOB (R18)	
3	X-4911-216-1	(AV601).....PANEL ASSY, FRONT	
	X-4911-217-1	(AV501:US,Canadian)...PANEL ASSY, FRONT	
	X-4911-222-1	(AV501R).....PANEL ASSY, FRONT	
	X-4911-223-1	(AV501:E).....PANEL ASSY, FRONT	
4	4-904-902-51	KNOB, SPEAKER	
5	4-866-342-00	JOINT (B), KNOB	
6	4-931-031-11	CASE	
7	X-3304-938-2	(AV501:E/AV501R).....FOOT ASSY	15
	X-4885-950-1	(AV501:US,Canadian/AV601)..FOOT ASSY	15
8	4-930-848-01	(EXCEPT AV501R)...FOOT	
9	7-682-548-04	SCREW +BVTT 3X8 (S)	
10	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S	
11	4-928-635-01	SCREW, +BV (2.6X8) TAPPING	
12	4-886-821-11	SCREW, S TIGHT, +PTTWH 3X6	
13	3-704-366-01	SCREW (CASE) (M3X8)	
14	7-682-548-09	SCREW +BVTT 3X8 (S	
15	4-923-836-11	CUSHION	
910	*1-635-500-11	PC BOARD, CONTROL	
911	*1-635-501-11	PC BOARD, TONE	
914	*1-635-505-11	PC BOARD, VOL	
916	*1-635-508-11	PC BOARD, FRONT	
917	*1-635-509-11	PC BOARD, JOINT (A/B)	
918	*1-635-510-11	PC BOARD, JOINT (C)	
919	*1-635-511-11	PC BOARD, VOL IND	
920	*1-635-770-11	PC BAORD, MICRO SUB	

5-2. CHASSIS SECTION



Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

No.	Part No.	Description	Remarks
51	4-855-006-21	SPACER (DIA. 3)	
52	*3-682-419-11	HOLDER, P.C.B	
53	*4-927-896-01	(AV601).....PANEL, BACK	
	*4-927-896-11	(AV501:US).....PANEL, BACK	
	*4-927-896-21	(AV501:Canadian)...PANEL, BACK	
	*4-927-896-41	(AV501R:AEP).....PANEL, BACK	
	*4-927-896-51	(AV501R:WG).....PANEL, BACK	
	*4-927-896-61	(AV501R:UK).....PANEL, BACK	
	*4-927-896-71	(AV501:E).....PANEL, BACK	
54	9-911-840-XX	CUSHION	
55	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
56	7-682-548-09	SCREW +B 3X8	
57	7-682-553-09	SCREW +B 3X20	
58	7-682-561-04	SCREW +BVTT 4X8 (S)	
59	7-685-646-79	SCREW +BTP 3X8 TYPE2 N-S	
60	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
61	7-621-849-00	SCREW, TAPPING	
62	3-706-165-00	SCREW	
63	*4-908-810-12	CUSHION	
64	*3-309-144-21	HEAT SINK	
65	*3-703-244-00	(EXCEPT AV501:E)...BUSHING (2104), CORD	
	*3-703-571-11	(AV501:E).....BUSHING (S)(4516), CORD	
66	*3-720-698-01	SPACER (SMALL), NA	
67	7-682-548-04	SCREW +BVTT 3X8 (S)	
68	7-682-548-09	SCREW +BVTT 3X8 (S)	
69	4-886-821-11	SCREW, STIGHT, +PTTWH 3X6	
901	*A-4334-560-A	(AV601)....MOUNTED PCB, MICOM	
	*A-4334-608-A	(AV501)....MOUNTED PCB, MICOM	
	*A-4334-609-A	(AV501R)...MOUNTED PCB, MICOM	
902	*A-4334-557-A	(AV601).....MOUNTED PCB, JOINT	
	*A-4334-601-A	(AV501:US).....MOUNTED PCB, JOINT	
	*A-4334-602-A	(AV501:Canadian)...MOUNTED PCB, JOINT	
	*A-4334-603-A	(AV501R:UK,AEP)....MOUNTED PCB, JOINT	
	*A-4334-604-A	(AV501R:WG).....MOUNTED PCB, JOINT	
	*A-4334-605-A	(AV501:E).....MOUNTED PCB, JOINT	
903	*A-4334-556-A	(AV601).....MOUNTED PCB, POWER	
	*A-4334-596-A	(AV501:US).....MOUNTED PCB, POWER	
	*A-4334-597-A	(AV501:Canadian)...MOUNTED PCB, POWER	
	*A-4334-598-A	(AV501R:UK,AEP)....MOUNTED PCB, POWER	
	*A-4334-599-A	(AV501R:WG).....MOUNTED PCB, POWER	
	*A-4334-600-A	(AV501:E).....MOUNTED PCB, POWER	
904	*A-4334-570-A	(AV601).....MOUNTED PCB, INPUT	
	*A-4334-616-A	(AV501:US).....MOUNTED PCB, INPUT	
	*A-4334-617-A	(AV501:Canadian,E/501R:UK,AEP) ...MOUNTED PCB, INPUT	
	*A-4334-618-A	(AV501R:WG)...MOUNTED PCB, INPUT	
905	1-533-225-11	HOLDER, FUSE	
906	⚠.1-574-804-11	(AV501R:UK).....CORD, POWER	
	⚠.1-574-805-11	(AV501R:AEP,WG).....CORD, POWER	
	⚠.1-574-902-11	(AV501:E).....CORD, POWER	
	⚠.1-575-105-11	(AV501:US,Canadian/AV601)...CORD, POWER	
907	1-535-530-11	PLUG, JUMPER	
908	4-870-539-00	PLATE, GROUND	
909	*1-635-498-11	PC BOARD, SUR	
912	*1-635-503-11	PC BOARD, CN (1)	
913	*1-635-504-11	PC BOARD, FUSE	
915	*1-635-506-11	PC BOARD, SP	
921	1-569-007-11	(AV501:E)...ADAPTOR CONVERSION 2P	
922	*1-635-499-11	PC BOARD, CN (2)	
F1	⚠.1-532-237-11	(AV501R).....FUSE, TIME-LAG 3.15A	
F1	⚠.1-532-748-11	(AV501:US,Canadian)...FUSE, TIME-LAG 6.3A	
F1	⚠.1-532-749-11	(AV601).....FUSE, GLASS TUBE 8A	
F1	⚠.1-532-350-00	(AV501:E).....FUSE, TIME-LAG 4A	
S1	⚠.1-571-515-11	(AV501:E)...SWITCH, POWER VOLTAGE SELECTION	
T1	⚠.1-450-108-11	(AV601).....TRANSFORMER, POWER	
T1	⚠.1-450-109-11	(AV501:US,Canadian)...TRANSFORMER, POWER	
T1	⚠.1-450-110-11	(AV501:E).....TRANSFORMER, POWER	
T1	⚠.1-450-111-11	(AV501R:AEP,UK).....TRANSFORMER, POWER	
T1	⚠.1-450-112-11	(AV501R,WG).....TRANSFORMER, POWER	

SECTION 6
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF: μF, PF: μμF.

RESISTORS
- All resistors are in ohms.
- F: nonflammable

COILS
- MMH: mH, UH: μH

SEMICONDUCTORS
In each case, U: μ, for example:
UA...: μA..., UPA...: μPA...,
UPC...: μPC, UPD...: μPD...

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description
901	*A-4334-560-A	(AV601)....MOUNTED PCB, MICOM
	*A-4334-608-A	(AV501)....MOUNTED PCB, MICOM
	*A-4334-609-A	(AV501R)...MOUNTED PCB, MICOM
902	*A-4334-557-A	(AV601).....MOUNTED PCB, JOINT
	*A-4334-601-A	(AV501:US).....MOUNTED PCB, JOINT
	*A-4334-602-A	(AV501:Canadian)...MOUNTED PCB, JOINT
	*A-4334-603-A	(AV501R:UK,AEP)....MOUNTED PCB, JOINT
	*A-4334-604-A	(AV501R:WG).....MOUNTED PCB, JOINT
	*A-4334-605-A	(AV501:E).....MOUNTED PCB, JOINT
903	*A-4334-556-A	(AV601).....MOUNTED PCB, POWER
	*A-4334-596-A	(AV501:US).....MOUNTED PCB, POWER
	*A-4334-597-A	(AV501:Canadian)...MOUNTED PCB, POWER
	*A-4334-598-A	(AV501R:UK,AEP)....MOUNTED PCB, POWER
	*A-4334-599-A	(AV501R:WG).....MOUNTED PCB, POWER
	*A-4334-600-A	(AV501:E).....MOUNTED PCB, POWER
904	*A-4334-570-A	(AV601).....MOUNTED PCB, INPUT
	*A-4334-616-A	(AV501:US).....MOUNTED PCB, INPUT
	*A-4334-617-A	(AV501:Canadian,E/501R:UK,AEP) ...MOUNTED PCB, INPUT
	*A-4334-618-A	(AV501R:WG).....MOUNTED PCB, INPUT
905	1-533-225-11	HOLDER, FUSE
906	⚠1-574-804-11	(AV501R:UK).....CORD, POWER
	⚠1-574-805-11	(AV501R:AEP,WG).....CORD, POWER
	⚠1-574-902-11	(AV501:E).....CORD, POWER
	⚠1-575-105-11	(AV501:US,Canadian/AV601)..CORD, POWER
907	1-535-530-11	PLUG, JUMPER
908	4-870-539-00	PLATE, GROUND
909	*1-635-498-11	PC BOARD, SUR
910	*1-635-500-11	PC BOARD, CONTROL
911	*1-635-501-11	PC BOARD, TONE
912	*1-635-503-11	PC BOARD, CN (1)
913	*1-635-504-11	PC BOARD, FUSE
914	*1-635-505-11	PC BOARD, VOL
915	*1-635-506-11	PC BOARD, SP
916	*1-635-508-11	PC BOARD, FRONT
917	*1-635-509-11	PC BOARD, JOINT (A/B)
918	*1-635-510-11	PC BOARD, JOINT (C)
919	*1-635-511-11	PC BOARD, VOL IND
920	*1-635-770-11	PC BAORD, MICRO SUB
921	1-569-007-11	(AV501:E)...ADAPTOR CONVERSION 2P
922	*1-635-499-11	PC BOARD, CN (2)
C1	1-161-744-00	CERAMIC 0.01MF 400V
C101	1-162-285-11	(AV501R:WG)...CERAMIC 180PF 10% 50V
C102	1-162-283-31	CERAMIC 120PF 10% 50V
C103	1-123-875-11	ELECT 10MF 20% 50V
C104	1-162-284-31	CERAMIC 150PF 10% 50V
C105	1-124-477-11	(EXCEPT AV601)...ELECT 47MF 20% 16V
C105	1-124-925-11	(AV601).....ELECT 2.2MF 20% 50V
C106	1-130-480-00	MYLAR 0.0056MF 5% 50V
C107	1-106-347-00	MYLAR 0.0015MF 5% 50V
C108	1-124-902-00	(AV601).....ELECT 0.47MF 20% 50V
C108	1-124-927-11	(EXCEPT AV601)...ELECT 4.7MF 20% 50V
C109	1-161-494-00	CERAMIC 0.022MF 25V
C110	1-124-477-11	ELECT 47MF 20% 16V
C111	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C112	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C113	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C114	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C115	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C116	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C117	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C118	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C119	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C120	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C121	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C122	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C123	1-124-927-11	(AV601)...ELECT 4.7MF 20% 50V
C124	1-162-306-11	CERAMIC 0.01MF 20% 16V
C125	1-124-927-11	(AV601)...ELECT 4.7MF 20% 50V
C127	1-124-927-11	(AV601)...ELECT 4.7MF 20% 50V
C129	1-124-927-11	(AV601)...ELECT 4.7MF 20% 50V
C130	1-124-927-11	(AV601)...ELECT 4.7MF 20% 50V
C131	1-161-494-00	CERAMIC 0.022MF 25V
C133	1-124-927-11	ELECT 4.7MF 20% 50V
C134	1-124-927-11	ELECT 4.7MF 20% 50V
C151	1-162-285-11	(AV501R:WG)..CERAMIC 180PF 10% 50V
C152	1-162-283-31	CERAMIC 120PF 10% 50V
C153	1-123-875-11	ELECT 10MF 20% 50V
C154	1-162-284-31	CERAMIC 150PF 10% 50V
C155	1-124-477-11	(EXCEPT AV601)...ELECT 47MF 20% 16V
C155	1-124-925-11	(AV601)...ELECT 2.2MF 20% 50V
C156	1-130-480-00	MYLAR 0.0056MF 5% 50V
C157	1-106-347-00	MYLAR 0.0015MF 5% 50V
C158	1-124-902-00	(AV601).....ELECT 0.47MF 20% 50V
C158	1-124-927-11	(EXCEPT AV601)...ELECT 4.7MF 20% 50V
C159	1-161-494-00	CERAMIC 0.022MF 25V
C160	1-124-477-11	ELECT 47MF 20% 16V
C161	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C162	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C163	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C164	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C165	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V

Ref.No.	Part No.	Description
C166	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C167	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C168	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C169	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C170	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C171	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C172	1-162-286-11	(AV501R:WG)..CERAMIC 220PF 10% 50V
C173	1-124-927-11	(AV601)...ELECT 4.7MF 20% 50V
C174	1-162-306-11	CERAMIC 0.01MF 20% 16V
C175	1-124-927-11	(AV601)...ELECT 4.7MF 20% 50V
C177	1-124-927-11	(AV601)...ELECT 4.7MF 20% 50V
C179	1-124-927-11	(AV601)...ELECT 4.7MF 20% 50V
C180	1-124-927-11	(AV601)...ELECT 4.7MF 20% 50V
C183	1-124-927-11	ELECT 4.7MF 20% 50V
C184	1-124-927-11	ELECT 4.7MF 20% 50V
C200	1-124-927-11	ELECT 4.7MF 20% 50V
C201	1-124-927-11	ELECT 4.7MF 20% 50V
C202	1-124-927-11	ELECT 4.7MF 20% 50V
C203	1-124-471-00	ELECT 1000MF 20% 6.3V
C204	1-124-471-00	ELECT 1000MF 20% 6.3V
C205	1-124-471-00	ELECT 1000MF 20% 6.3V
C206	1-123-875-11	ELECT 10MF 20% 50V
C207	1-161-494-00	CERAMIC 0.022MF 25V
C208	1-124-927-11	ELECT 4.7MF 20% 50V
C209	1-124-443-00	ELECT 100MF 20% 6.3V
C300	1-124-927-11	ELECT 4.7MF 20% 50V
C301	1-124-927-11	ELECT 4.7MF 20% 50V
C302	1-124-927-11	ELECT 4.7MF 20% 50V
C303	1-124-927-11	ELECT 4.7MF 20% 50V
C304	1-124-927-11	ELECT 4.7MF 20% 50V
C305	1-124-927-11	ELECT 4.7MF 20% 50V
C307	1-124-927-11	ELECT 4.7MF 20% 50V
C308	1-124-477-11	ELECT 47MF 20% 16V
C309	1-124-477-11	ELECT 47MF 20% 16V
C310	1-162-211-31	CERAMIC 33PF 5% 50V
C311	1-162-211-31	CERAMIC 33PF 5% 50V
C312	1-124-927-11	ELECT 4.7MF 20% 50V
C313	1-124-927-11	ELECT 4.7MF 20% 50V
C314	1-124-791-11	(AV501:E/AV601)..ELECT 1MF 20% 50V
C314	1-124-902-11	(AV501:US,Canadian/AV501R) ...ELECT 0.47MF 20% 50V
C315	1-124-791-11	(AV501:E/AV601)..ELECT 1MF 20% 50V
C315	1-124-902-11	(AV501:US,Canadian/AV501R) ...ELECT 0.47MF 20% 50V
C316	1-124-791-11	(AV501/AV601)...ELECT 1MF 20% 50V
C317	1-124-791-11	(AV501/AV601)...ELECT 1MF 20% 50V
C318	1-124-791-11	(AV501/AV601)...ELECT 1MF 20% 50V
C319	1-162-282-31	CERAMIC 100PF 10% 50V
C320	1-162-282-31	CERAMIC 100PF 10% 50V
C321	1-126-163-11	ELECT 4.7MF 20% 50V
C322	1-106-353-00	(AV501R).....MYLAR 0.0027MF 5% 50V
C322	1-130-476-00	(AV501/AV601)...MYLAR 0.0027MF 5% 50V
C323	1-106-343-00	(AV501R).....MYLAR 0.001MF 5% 50V
C323	1-130-471-00	(AV501/AV601)...MYLAR 0.001MF 5% 50V
C324	1-136-742-11	FILM 0.1MF 5% 50V
C325	1-126-177-11	ELECT 100MF 20% 6.3V
C326	1-126-157-11	ELECT 10MF 20% 16V
C327	1-136-742-11	FILM 0.1MF 5% 50V
C328	1-136-742-11	FILM 0.1MF 5% 50V

Ref.No.	Part No.	Description
C329	1-124-446-11	(AV501R).....ELECT 47MF 20% 10V
C329	1-124-589-11	(EXCEPT AV501R)...ELECT 47MF 20% 10V
C330	1-136-742-11	FILM 0.1MF 5% 50V
C331	1-136-742-11	FILM 0.1MF 5% 50V
C332	1-136-742-11	FILM 0.1MF 5% 50V
C333	1-130-480-00	MYLAR 0.0056MF 5% 50V
C334	1-162-291-31	CERAMIC 560PF 10% 50V
C335	1-126-163-11	ELECT 4.7MF 20% 50V
C336	1-136-738-11	FILM 0.01MF 5% 50V
C337	1-136-840-11	FILM 0.33MF 5% 50V
C338	1-136-742-11	FILM 0.1MF 5% 50V
C339	1-126-157-11	ELECT 10MF 20% 16V
C340	1-136-738-11	FILM 0.01MF 5% 50V
C341	1-136-834-11	FILM 0.047MF 5% 50V
C342	1-106-359-00	(AV501R).....MYLAR 0.0047MF 5% 50V
C342	1-130-479-00	(AV501/AV601)...MYLAR 0.0047MF 5% 50V
C343	1-162-290-31	CERAMIC 470PF 10% 50V
C345	1-162-211-31	CERAMIC 33PF 5% 50V
C346	1-126-163-11	ELECT 4.7MF 20% 50V
C347	1-130-480-00	MYLAR 0.0056MF 5% 50V
C348	1-136-158-00	FILM 0.027MF 5% 50V
C349	1-124-589-11	(EXCEPT AV501R)...ELECT 47MF 20% 10V
C350	1-124-589-11	(EXCEPT AV501R)...ELECT 47MF 20% 10V
C351	1-124-446-11	(AV501R).....ELECT 47MF 20% 10V
C351	1-124-589-11	(EXCEPT AV501R)...ELECT 47MF 20% 10V
C352	1-124-446-11	(AV501R).....ELECT 47MF 20% 10V
C352	1-124-589-11	(EXCEPT AV501R)...ELECT 47MF 20% 10V
C354	1-126-163-11	ELECT 4.7MF 20% 50V
C355	1-126-163-11	ELECT 4.7MF 20% 50V
C356	1-124-446-11	(AV501R).....ELECT 47MF 20% 10V
C356	1-124-589-11	(EXCEPT AV501R)...ELECT 47MF 20% 10V
C357	1-124-446-11	(AV501R).....ELECT 47MF 20% 10V
C357	1-124-589-11	(EXCEPT AV501R)...ELECT 47MF 20% 10V
C358	1-162-282-31	CERAMIC 100PF 10% 50V
C359	1-162-282-31	CERAMIC 100PF 10% 50V
C360	1-126-163-11	ELECT 4.7MF 20% 50V
C361	1-126-163-11	ELECT 4.7MF 20% 50V
C362	1-126-163-11	ELECT 4.7MF 20% 50V
C363	1-126-163-11	ELECT 4.7MF 20% 50V
C368	1-161-375-00	CERAMIC 0.0022MF 20% 16V
C371	1-124-927-11	ELECT 4.7MF 20% 50V
C372	1-124-927-11	ELECT 4.7MF 20% 50V
C400	1-130-474-00	MYLAR 0.0018MF 5% 50V
C401	1-106-363-00	MYLAR 0.0068MF 5% 50V
C402	1-106-359-00	MYLAR 0.0047MF 5% 50V
C403	1-130-489-00	MYLAR 0.033MF 5% 50V
C404	1-162-306-11	CERAMIC 0.01MF 20% 16V
C405	1-162-306-11	CERAMIC 0.01MF 20% 16V
C406	1-124-925-11	ELECT 2.2MF 20% 50V
C407	1-124-925-11	ELECT 2.2MF 20% 50V
C410	1-124-927-11	ELECT 4.7MF 20% 50V
C411	1-124-927-11	ELECT 4.7MF 20% 50V
C450	1-130-474-00	MYLAR 0.0018MF 5% 50V

Ref.No.	Part No.	Description
C451	1-106-363-00	MYLAR 0.0068MF 5% 50V
C452	1-106-359-00	MYLAR 0.0047MF 5% 50V
C453	1-136-159-00	FILM 0.033MF 5% 50V
C460	1-124-927-11	ELECT 4.7MF 20% 50V
C461	1-124-927-11	ELECT 4.7MF 20% 50V
C500	1-124-927-11	ELECT 4.7MF 20% 50V
C501	1-124-446-11	ELECT 47MF 20% 10V
C502	1-124-446-11	ELECT 47MF 20% 10V
C503	1-162-292-31	CERAMIC 680PF 10% 50V
C504	1-162-197-31	CERAMIC 6.8PF 10% 50V
C505	1-124-443-00	ELECT 100MF 20% 10V
C506	1-161-959-00	CERAMIC 22PF 10% 500V
C507	1-124-446-11	ELECT 47MF 20% 10V
C508	1-161-959-00	CERAMIC 22PF 10% 500V
C509	1-130-483-00	MYLAR 0.01MF 5% 50V
C510	1-130-483-00	MYLAR 0.01MF 5% 50V
C511	1-130-489-00	(AV501:US,Canadian/AV601) ...MYLAR 0.033MF 5% 50V
C511	1-130-493-00	(AV501:E/AV501R)...MYLAR 0.068MF 5% 50V
C512	1-130-489-00	(AV501:Canadian)...MYLAR 0.033MF 5% 50V
C512	1-130-493-00	(AV501:E/AV501R)...MYLAR 0.068MF 5% 50V
C513	1-130-483-00	(AV501R:WG)...MYLAR 0.01MF 5% 50V
C514	1-130-487-00	(AV501R:WG)...MYLAR 0.022MF 5% 50V
C515	1-130-483-00	(AV501R:WG)...MYLAR 0.01MF 5% 50V
C516	1-130-487-00	(AV501R:WG)...MYLAR 0.022MF 5% 50V
C517	1-130-483-00	(AV501R:WG)...MYLAR 0.01MF 5% 50V
C518	1-161-494-00	(AV501R:WG)...CERAMIC 0.022MF 25V
C550	1-124-927-11	ELECT 4.7MF 20% 50V
C551	1-124-446-11	ELECT 47MF 20% 10V
C552	1-124-446-11	ELECT 47MF 20% 10V
C553	1-162-292-31	CERAMIC 680PF 10% 50V
C554	1-162-197-31	CERAMIC 6.8PF 10% 50V
C555	1-124-443-00	ELECT 100MF 20% 10V
C556	1-161-959-00	CERAMIC 22PF 10% 500V
C557	1-124-446-11	ELECT 47MF 20% 10V
C558	1-161-959-00	CERAMIC 22PF 10% 500V
C559	1-130-483-00	MYLAR 0.01MF 5% 50V
C560	1-130-483-00	MYLAR 0.01MF 5% 50V
C561	1-130-493-00	(AV501:E/AV501R)...MYLAR 0.068MF 5% 50V
C561	1-130-489-00	(AV501:US,Canadian/AV601) ...MYLAR 0.033MF 5% 50V
C562	1-130-489-00	(AV501:Canadian)...MYLAR 0.033MF 5% 50V
C562	1-130-493-00	(AV501:E/AV501R)...MYLAR 0.068MF 5% 50V
C563	1-130-483-00	MYLAR 0.01MF 5% 50V
C564	1-130-487-00	MYLAR 0.022MF 5% 50V
C565	1-130-483-00	MYLAR 0.01MF 5% 50V
C566	1-130-487-00	(AV501R:WG)...MYLAR 0.022MF 5% 50V
C600	1-130-495-00	MYLAR 0.1MF 5% 50V
C601	1-130-489-00	(AV501:US/AV601)...MYLAR 0.033MF 5% 50V
C601	1-130-493-00	(AV501:E,Canadian/AV501R) ...MYLAR 0.068MF 5% 50V
C602	1-130-493-00	(AV501:E,Canadian/AV501R) ...MYLAR 0.068MF 5% 50V
C610	1-124-927-11	ELECT 4.7MF 20% 50V
C611	1-124-910-11	ELECT 47MF 20% 50V

Ref.No.	Part No.	Description
C612	1-123-875-11	ELECT 10MF 20% 50V
C620	1-124-927-11	(AV601)...ELECT 4.7MF 20% 50V
C621	1-124-910-11	(AV601)...ELECT 47MF 20% 50V
C650	1-130-495-00	(AV601)...MYLAR 0.1MF 5% 50V
C651	1-130-489-00	(AV601)...MYLAR 0.033MF 5% 50V
C662	1-123-875-11	(AV601)...ELECT 10MF 20% 50V
C700	1-161-494-00	CERAMIC 0.022MF 25V
C701	1-124-477-11	ELECT 47MF 20% 16V
C702	1-124-443-00	ELECT 100MF 20% 6.3V
C703	1-161-494-00	CERAMIC 0.022MF 25V
C704	1-123-875-11	ELECT 10MF 20% 50V
C705	1-124-477-11	ELECT 47MF 20% 16V
C800	1-136-742-11	FILM 0.1MF 5% 50V
C801	1-126-177-11	ELECT 100MF 20% 6.3V
C802	1-161-494-00	CERAMIC 0.022MF 25V
C803	1-124-902-00	(AV501:E/AV601/AV501R:UK,AEP) ...ELECT 0.47MF 20% 50V
C804	1-125-444-11	DOUBLE LAYERS 0.1F 5.5V
C805	1-136-742-11	FILM 0.1MF 5% 50V
C807	1-162-294-31	CERAMIC 0.001MF 10% 50V
C808	1-162-294-31	(AV601)...CERAMIC 0.001MF 10% 50V
C810	1-124-902-00	(AV501:E/AV601/AV501R) ...ELECT 0.47MF 20% 50V
C811	1-123-875-11	ELECT 10MF 20% 50V
C898	1-124-477-11	(AV601)...ELECT 47MF 20% 16V
C899	1-124-477-11	(AV601)...ELECT 47MF 20% 16V
C900	1-106-375-12	MYLAR 0.022MF 5% 100V
C901	1-106-375-12	MYLAR 0.022MF 5% 100V
C902	1-125-430-11	(AV501:E/AV601) ...ELECT(BLOCK) 15000MF 20% 71V
C902	1-125-479-11	(AV501R:AEP,UK) ...ELECT(BLOCK) 10000MF 20% 63V
C902	1-125-573-11	(AV501:US,Canadian/AV501R:WG) ...ELECT(BLOCK) 12000MF 20% 71V
C903	1-125-430-11	(AV501:E/AV601) ...ELECT(BLOCK) 15000MF 20% 71V
C903	1-125-479-11	(AV501R:AEP,UK) ...ELECT(BLOCK) 10000MF 20% 63V
C903	1-125-573-11	(AV501:US,Canadian/AV501R:WG) ...ELECT(BLOCK) 12000MF 20% 71V
C904	1-106-375-12	MYLAR 0.022MF 5% 100V
C905	1-106-375-12	MYLAR 0.022MF 5% 100V
C906	1-130-487-00	MYLAR 0.022MF 5% 50V
C907	1-124-026-00	ELECT 3300MF 20% 35V
C908	1-124-026-00	ELECT 3300MF 20% 35V
C909	1-130-487-00	MYLAR 0.022MF 5% 50V
C910	1-124-557-11	ELECT 1000MF 20% 25V
C911	1-124-477-11	ELECT 47MF 20% 16V
C912	1-124-791-11	ELECT 1MF 20% 50V
C913	1-123-875-11	ELECT 10MF 20% 50V
C914	1-124-464-11	ELECT 0.22MF 20% 50V
C916	1-124-557-11	ELECT 1000MF 20% 25V
C917	1-124-557-11	ELECT 1000MF 20% 25V
C918	1-124-443-00	ELECT 100MF 20% 10V
C919	1-124-443-00	ELECT 100MF 20% 10V
C920	1-124-443-00	ELECT 100MF 20% 10V
C921	1-124-443-00	ELECT 100MF 20% 10V
C922	1-106-375-12	MYLAR 0.022MF 5% 100V
C923	1-106-375-12	MYLAR 0.022MF 5% 100V
C924	1-130-487-00	MYLAR 0.022MF 5% 50V
C925	1-130-487-00	MYLAR 0.022MF 5% 50V

Ref.No.	Part No.	Description
C926	1-124-925-11	ELECT 2.2MF 20% 50V
C950	1-124-667-11	ELECT 10MF 20% 100V
C951	1-124-667-11	(EXCEPT AV501R:WG) ...ELECT 10MF 20% 100V
C952	1-101-924-11	(AV501R:WG)..ELECT 0.022MF 25V
C953	1-101-924-11	(AV501R:WG)..ELECT 0.022MF 25V
C996	1-123-875-11	ELECT 10MF 20% 50V
C997	1-126-157-11	ELECT 10MF 20% 16V
C998	1-136-742-11	FILM 0.1MF 5% 50V
CN1	*1-564-321-00	PIN, CONNECTOR 2P
CN2	*1-564-321-00	(AV501/AV601)...PIN, CONNECTOR 2P
CN2	*1-564-687-11	(AV501:E).....PIN, CONNECTOR 3P
CN2	*1-568-106-11	(AV501R).....PIN, CONNECTOR 4P
CN3	*1-564-104-00	(AV501:E).....PIN, CONNECTOR 3P
CN4	*1-564-321-00	(AV501:E).....PIN, CONNECTOR 2P
CN5	*1-564-320-00	(AV501:E).....PIN, CONNECTOR 2P
CN7	*1-564-321-00	PIN, CONNECTOR 2P
CN101	1-568-319-11	SOCKET, CONNECTOR 8P
CN102	1-568-319-11	SOCKET, CONNECTOR 8P
CN103	1-568-321-11	SOCKET, CONNECTOR 10P
CN104	1-568-321-11	SOCKET, CONNECTOR 10P
CN105	1-569-402-11	PLUG, CONNECTOR 6P
CN109	1-566-213-11	PIN, CONNECTOR 4P (CONTROL S)
CN110	*1-564-358-00	(AV501:US)...PIN, CONNECTOR 3P (SYSTEM CONTORL)
CN111	1-569-401-11	PLUG, CONNECTOR 8P
CN112	1-569-401-11	PLUG, CONNECTOR 8P
CN113	1-569-400-11	PLUG, CONNECTOR 10P
CN114	1-569-400-11	PLUG, CONNECTOR 10P
CN206	*1-565-345-11	PIN, CONNECTOR (PC BOARD) 14P
CN207	*1-565-345-11	PIN, CONNECTOR (PC BOARD) 14P
CN208	*1-565-345-11	PIN, CONNECTOR (PC BOARD) 14P
CN301	1-568-321-11	SOCKET, CONNECTOR 10P
CN302	1-568-321-11	SOCKET, CONNECTOR 10P
CN303	1-568-321-11	SOCKET, CONNECTOR 10P
CN304	1-568-317-11	SOCKET, CONNECTOR 6P
CN305	*1-565-441-11	SOCKET, CONNECTOR (PCB) 12P
CN306A	*1-565-348-11	SOCKET, CONNECTOR(PC BOARD)14P
CN306	1-568-317-11	SOCKET, CONNECTOR 6P
CN307	*1-565-348-11	SOCKET, CONNECTOR(PC BOARD)14P
CN308	*1-565-348-11	SOCKET, CONNECTOR(PC BOARD)14P
CN400	*1-568-318-11	PLUG, CONNECTOR 6P
CN401	*1-563-381-11	SOCKET, CONNECTOR 11P
CN402	1-560-667-00	PIN, CONNECTOR 11P
CN403	*1-565-440-11	PIN, CONNECTOR (PCB) 12P
CN407	*1-564-505-11	PLUG, CONNECTOR 2P
CN500	1-506-906-11	PIN, CONNECTOR 5P
CN501	1-568-321-11	SOCKET, CONNECTOR 10P
CN502	1-568-321-11	SOCKET, CONNECTOR 10P
CN503	1-568-321-11	SOCKET, CONNECTOR 10P
CN504	1-568-317-11	SOCKET, CONNECTOR 6P
CN505	1-568-317-11	SOCKET, CONNECTOR 6P
CN506	1-569-968-11	PLUG (WITH CONNECTOR)(L) 11P
CN508	1-569-400-11	PLUG, CONNECTOR 10P
CN509	1-569-400-11	PLUG, CONNECTOR 10P
CN510	1-569-400-11	PLUG, CONNECTOR 10P
CN511	1-569-402-11	PLUG, CONNECTOR 6P
CN512	1-569-402-11	PLUG, CONNECTOR 6P

Ref.No.	Part No.	Description
CN513	*1-508-980-11	PIN, CONNECTOR
CN516	1-569-400-11	PLUG, CONNECTOR 10P
CN517	1-569-400-11	PLUG, CONNECTOR 10P
CN518	1-569-400-11	PLUG, CONNECTOR 10P
CN519	1-569-402-11	PLUG, CONNECTOR 6P
CN520	1-561-115-00	SOCKET, CONNECTOR 6P
CN523	1-568-321-11	SOCKET, CONNECTOR 10P
CN524	1-568-321-11	SOCKET, CONNECTOR 10P
CN525	1-568-317-11	SOCKET, CONNECTOR 6P
CN526	*1-568-544-11	PIN, CONNECTOR (PC BOARD) 3P
CN527	1-568-545-11	SOCKET, CONNECTOR (PC BOARD)3P
CN528	*1-560-667-00	PIN, CONNECTOR 11P
CN601	*1-563-381-11	SOCKET, CONNECTOR 11P
CN800	*1-568-322-11	PLUG, CONNECTOR 10P
CN801	*1-568-322-11	PLUG, CONNECTOR 10P
CN802	*1-564-666-11	PIN, CONNECTOR 10P
CN803	*1-564-666-11	PIN, CONNECTOR 10P
CN903	*1-564-497-11	PIN, CONNECTOR 4P
CNJ1	⚠1-526-751-00	(AV501R:UK).....OUTLET, AC
CNJ1	⚠1-526-794-11	(AV501R:AEP,WG)...OUTLET, AC
CNJ1	⚠1-540-043-11	(AV501:).....OUTLET, AC
CNJ1	⚠1-540-062-11	(AV501:US,Canadian/AV601) ...OUTLET, AC (POLAR)
CP801	1-233-218-11	COMPOSITION CIRCUIT BLOCK
CP802	1-233-218-11	COMPOSITION CIRCUIT BLOCK
CP803	1-233-218-11	COMPOSITION CIRCUIT BLOCK
CP804	1-233-218-11	COMPOSITION CIRCUIT BLOCK
CP805	1-233-218-11	COMPOSITION CIRCUIT BLOCK
CP806	1-233-218-11	COMPOSITION CIRCUIT BLOCK
CP807	1-233-218-11	COMPOSITION CIRCUIT BLOCK
CP808	1-233-218-11	COMPOSITION CIRCUIT BLOCK
CP809	1-233-218-11	COMPOSITION CIRCUIT BLOCK
D300	8-719-912-20	(AV501/AV601)...DIODE 1SS120
D301	8-719-912-20	DIODE 1SS120
D400	8-719-303-00	DIODE SEL2510C
D500	8-719-933-36	DIODE HZS6B1L
D501	8-719-933-36	DIODE HZS6B1L
D502	8-719-912-20	DIODE 1SS120
D503	8-719-815-85	DIODE 1S1585
D504	8-719-815-85	DIODE 1S1585
D550	8-719-933-36	DIODE HZS6B1L
D551	8-719-933-36	DIODE HZS6B1L
D552	8-719-912-20	DIODE 1SS120
D553	8-719-815-85	DIODE 1S1585
D554	8-719-815-85	DIODE 1S1585
D600	8-719-912-20	DIODE 1SS120
D601	8-719-912-20	DIODE 1SS120
D650	8-719-912-20	(AV601)...DIODE 1SS120
D651	8-719-912-20	(AV601)...DIODE 1SS120
D700	8-719-912-20	DIODE 1SS120
D701	8-719-912-20	DIODE 1SS120
D702	8-719-912-20	DIODE 1SS120
D703	8-719-912-20	DIODE 1SS120
D704	8-719-912-20	DIODE 1SS120
D705	8-719-912-20	DIODE 1SS120
D706	8-719-912-20	(AV601)...DIODE 1SS120

Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Note:
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description
D801	8-719-311-61	DIODE SEL2810D-D(VIDEO 1 VISUAL SOURCE)
D802	8-719-311-61	DIODE SEL2810D-D(VIDEO 2 VISUAL SOURCE)
D803	8-719-311-61	DIODE SEL2810D-D(VIDEO 3 VISUAL SOURCE)
D804	8-719-312-61	DIODE SEL2810D-D(VIDEO 4 VISUAL SOURCE)
D805	8-719-304-77	DIODE SEL2210R-C(VIDEO 1 AUDIO SOURCE)
D806	8-719-304-77	DIODE SEL2210R-C(VIDEO 2 AUDIO SOURCE)
D807	8-719-304-77	DIODE SEL2210R-C(VIDEO 3 AUDIO SOURCE)
D808	8-719-304-77	DIODE SEL2210R-C(VIDEO 4 AUDIO SOURCE)
D809	8-719-304-77	DIODE SEL2210R-C (TAPE/DAT)
D810	8-719-304-77	DIODE SEL2210R-C (CD)
D811	8-719-304-77	DIODE SEL2210R-C (TUNER)
D812	8-719-304-77	DIODE SEL2210R-C (PHONO)
D813	8-719-311-60	(AV601)...DIODE SEL2810D-C (DRLC)
D814	8-719-313-06	DIODE SEL1810D-C (SIMULATED)
D815	8-719-313-06	DIODE SEL1810D-C (HALL)
D816	8-719-313-06	DIODE SEL1810D-C (DOLBY)
D817	8-719-311-60	(AV601)...DIODE SEL2810D-C (DRLC)
D818	8-719-313-06	DIODE SEL1810D-C (DBFB)
D819	8-719-311-61	DIODE SEL2810D-D (15mS)
D820	8-719-311-61	DIODE SEL2810D-D (20mS)
D821	8-719-311-61	DIODE SEL2810D-D (30mS)
D822	8-719-311-61	DIODE SEL2810D-D (SURROUND LEVEL)
D823	8-719-311-61	DIODE SEL2810D-D (SURROUND LEVEL)
D824	8-719-311-61	DIODE SEL2810D-D (SURROUND LEVEL)
D825	8-719-311-61	DIODE SEL2810D-D (SURROUND LEVEL)
D826	8-719-311-61	DIODE SEL2810D-D (SURROUND LEVEL)
D827	8-719-304-77	(AV501:E/AV501R)...DIODE SEL2210R-C
D828	8-719-912-20	DIODE 1SS120
D829	8-719-912-20	DIODE 1SS120
D830	8-719-912-20	DIODE 1SS120
D831	8-719-912-20	DIODE 1SS120
D832	8-719-912-20	(AV601)...DIODE 1SS120
D833	8-719-912-20	DIODE 1SS120
D835	8-719-912-20	(AV501/AV501R)...DIODE 1SS120
D836	8-719-912-20	(AV601)...DIODE 1SS120
D837	8-719-912-20	(AV601)...DIODE 1SS120
D838	8-719-912-20	(AV601)...DIODE 1SS120
D839	8-719-912-20	(AV601)...DIODE 1SS120
D840	8-719-912-20	(AV601)...DIODE 1SS120
D850	8-719-912-20	(AV601)...DIODE 1SS120
D856	8-719-912-20	(AV501/AV501R)...DIODE 1SS120
D900	8-719-200-80	DIODE D300
D901	8-719-200-80	DIODE D300
D902	8-719-312-09	DIODE RBA-402
D903	8-719-511-40	DIODE S1VB40
D904	8-719-511-40	DIODE S1VB40
D905	8-719-200-82	DIODE 11ES2
D906	8-719-933-41	DIODE HZS6C3L
D907	8-719-933-41	DIODE HZS6C3L
D908	8-719-914-11	DIODE HZ4ALL
D909	8-719-912-20	DIODE 1SS120
D910	8-719-912-20	DIODE 1SS120
D911	8-719-200-82	DIODE 11ES2
D997	8-719-912-20	(AV601)...DIODE 1SS120
D998	8-719-912-20	(AV601)...DIODE 1SS120
D999	8-719-912-20	(AV601)...DIODE 1SS120

Ref.No.	Part No.	Description
F1	⚠1-532-237-11	(AV501R).....FUSE, TIME-LAG 3.15A
F1	⚠1-532-748-11	(AV501:US,Canadian) ...FUSE, TIME-LAG 6.3A
F1	⚠1-532-749-11	(AV601).....FUSE, GLASS TUBE 8A
F1	⚠1-532-350-00	(AV501:E)....FUSE, TIME-LAG 4A
F2	⚠1-532-286-11	(AV501R).....FUSE, TIME-LAG 2.5A
F2	⚠1-532-350-00	(AV501:E).....FUSE, TIME-LAG 4A
F900	⚠1-532-237-11	(AV501:E/AV501R)...FUSE, TIME-LAG 3.15A
F900	⚠1-532-745-11	(AV501:US,Canadian/AV601) ...FUSE, GLASS TUBE 3.15A
F901	⚠1-532-237-11	(AV501:E/AV501R)...FUSE, TIME-LAG 3.15A
F901	⚠1-532-745-11	(AV501:US,Canadian/AV601) ...FUSE, GLASS TUBE 3.15A
IC100	8-759-634-50	IC M5218AL
IC101	8-759-634-50	(AV601)...IC M5218AL
IC102	8-759-634-50	(AV601)...IC M5218AL
IC103	8-759-634-50	(AV601)...IC M5218AL
IC104	8-759-000-49	IC MC14066BCP
IC105	8-759-634-50	(AV601)...IC M5218AL
IC106	8-759-805-14	IC LC7822
IC107	8-759-208-08	(AV601)...IC MC4052BPHP
IC108	8-759-634-50	IC M5218AL
IC154	8-759-000-49	IC MC14066BCP
IC200	8-759-991-77	IC BA7625
IC300	8-759-634-50	IC M5218AL
IC301	8-759-634-50	IC M5218AL
IC302	8-759-634-50	IC M5218AL
IC303	8-759-000-49	IC MC14066BCP
IC304	8-759-633-83	IC M50198P
IC305	8-759-929-37	IC NE646N
IC306	8-759-634-50	IC M5218AL
IC307	8-759-000-49	IC MC14066BCP
IC308	8-759-204-30	IC TC9176P
IC309	8-759-634-50	IC M5218AL
IC310	8-759-000-49	IC MC14066BCP
IC311	8-759-634-51	IC M5218AP
IC400	8-759-820-62	IC LB1639
IC401	8-759-634-50	IC M5218AL
IC600	8-749-920-76	IC SI-18752
IC601	8-749-920-76	(AV601)...IC SI-18752
IC700	8-759-111-68	IC UPC1237HA
IC801	8-749-920-83	IC GP1U52XB
IC802	8-759-633-84	IC M66311P
IC803	8-759-633-84	IC M66311P
IC804	8-759-150-73	IC UPD75106GF
IC900	8-759-982-10	IC MC7809FA
IC901	8-759-604-49	IC M5F7909L
IC902	8-759-604-29	(AV501:E/AV501R).....IC M5F7805L
IC902	8-759-982-05	(AV501:US,Canadian/AV601)...IC RC7805FA
IC903	8-759-604-29	(AV501:E/AV501R).....IC M5F7805L
IC903	8-759-982-05	(AV501:US,Canadian/AV601)...IC RC7805FA
J100	*1-569-812-11	JACK, PIN 6P (CD,TUNER,PHONO)
J101	1-565-303-11	JACK, PIN 6P (VIDEO 3 CDV,TAPE/DAT)
J102	1-565-304-11	JACK, PIN 4P (VIDEO 2 AUDIO)
J103	1-565-304-11	JACK, PIN 4P (VIDEO 1 AUDIO)

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	**Note:** Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description
J104	1-566-819-31	(AV601)...JACK 1P (DRLC)
J105	1-507-909-21	JACK, PIN 4P (GRAPHIC EQ)
J106	1-563-136-31	JACK, PIN 3P (VIDEO 4)
J200	1-565-933-11	JACK, PIN 3P (VIDEO 2/VIDEO 3)
J201	1-565-933-11	JACK, PIN 3P (VIDEO 1/MONITOR)
J500	1-507-796-71	JACK (HEADPHONES)
L200	1-408-080-00	INDUCTOR 100UH
L300	1-408-080-00	INDUCTOR 100UH
L500	*1-420-872-00	COIL, AIR CORE 1.9UH
L550	*1-420-872-00	COIL, AIR CORE 1.9UH
L600	*1-420-872-00	COIL, AIR CORE 1.9UH
L650	*1-420-872-00	(AV601)...COIL, AIR CORE 1.9UH
Q200	8-729-141-03	TRANSISTOR 2SA733-QP
Q201	8-729-141-03	TRANSISTOR 2SA733-QP
Q202	8-729-141-03	TRANSISTOR 2SA733-QP
Q203	8-729-900-63	TRANSISTOR DTA124ES
Q204	8-729-620-05	TRANSISTOR 2SC2603-EF
Q300	8-729-224-61	(AV501/AV601)...TRANSISTOR 2SK246YGR
Q301	8-729-224-61	(AV501/AV601)...TRANSISTOR 2SK246YGR
Q302	8-729-620-05	(AV501/AV601)...TRANSISTOR 2SC2603-EF
Q303	8-729-620-05	(AV501/AV601)...TRANSISTOR 2SC2603-EF
Q514	8-729-321-21	TRANSISTOR 2SC4387-OY
Q515	8-729-321-24	TRANSISTOR 2SA1672-OY
Q516	8-729-321-21	(AV501:E/AV601)...TRANSISTOR 2SC4387-OY
Q517	8-729-321-24	(AV501:E/AV601)...TRANSISTOR 2SA1672-OY
Q500	8-729-141-26	TRANSISTOR 2SC3622A-LK
Q501	8-729-108-14	TRANSISTOR 2SA988F
Q502	8-729-620-18	TRANSISTOR 2SA979-FG
Q503	8-729-108-41	TRANSISTOR 2SA988F
Q504	8-729-108-14	TRANSISTOR 2SA988F
Q505	8-729-620-05	TRANSISTOR 2SC2603-EF
Q506	8-729-620-05	TRANSISTOR 2SC2603-EF
Q507	8-729-104-91	TRANSISTOR 2SA1383
Q508	8-729-209-15	TRANSISTOR 2SD2012
Q509	8-729-141-07	TRANSISTOR 2SC3514
Q510	8-729-620-05	TRANSISTOR 2SC2603-EF
Q511	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q512	8-729-141-58	TRANSISTOR 2SC2275A-QP
Q513	8-729-141-10	TRANSISTOR 2SA985A-QP
Q518	8-729-140-84	TRANSISTOR 2SA1841-PAFAEA
Q550	8-729-141-26	(AV501:Canadian/AV601) ...TRANSISTOR 2SC3622A-LK
Q551	8-729-108-14	TRANSISTOR 2SA988F
Q552	8-729-620-18	TRANSISTOR 2SA979-FG
Q553	8-729-108-14	TRANSISTOR 2SA988F
Q554	8-729-108-41	TRANSISTOR 2SA988F
Q555	8-729-620-05	TRANSISTOR 2SC2603-EF
Q556	8-729-620-05	TRANSISTOR 2SC2603-EF
Q557	8-729-104-91	TRANSISTOR 2SA1383
Q558	8-729-209-15	TRANSISTOR 2SD2012
Q559	8-729-104-18	TRANSISTOR 2SC3514
Q560	8-729-620-05	TRANSISTOR 2SC2603-EF
Q561	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q562	8-729-141-58	TRANSISTOR 2SC2275A-QP
Q563	8-729-141-10	TRANSISTOR 2SA985A-QP
Q564	8-729-321-21	TRANSISTOR 2SC4387-OY
Q565	8-729-321-24	TRANSISTOR 2SA1672-OY
Q566	8-729-321-21	(AV501:E/AV601)...TRANSISTOR 2SC4387-OY

Ref.No.	Part No.	Description
Q567	8-729-321-24	(AV501:E/AV601)..TRANSISTOR 2SA1672-OY
Q568	8-729-140-84	TRANSISTOR 2SA1841-PAFAEA
Q600	8-729-140-84	TRANSISTOR 2SA1841-PAFAEA
Q610	8-729-141-26	TRANSISTOR 2SC3622A-LK
Q620	8-729-141-26	(AV601)...TRANSISTOR 2SC3622A-LK
Q650	8-729-140-84	(AV601)...TRANSISTOR 2SA1841-PAFAEA
Q700	8-729-900-63	TRANSISTOR DTA124ES
Q701	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q702	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q703	8-729-620-05	TRANSISTOR 2SC2603-EF
Q704	8-729-620-05	TRANSISTOR 2SC2603-EF
Q705	8-729-620-05	(AV601)...TRANSISTOR 2SC2603-EF
Q801	8-729-900-63	(AV501:E/AV501R)...TRANSISTOR DTC124ES
Q802	8-729-900-63	TRANSISTOR DTA124ES
Q803	8-729-900-36	TRANSISTOR DTC124ES
Q804	8-729-620-05	TRANSISTOR 2SC2603-EF
Q806	8-729-620-05	TRANSISTOR 2SC2603-EF
Q807	8-729-620-05	(AV601)...TRANSISTOR 2SC2603-EF
Q808	8-729-119-76	(AV601)...TRANSISTOR 2SA1175-HFE
Q809	8-729-900-63	TRANSISTOR DTA124ES
Q810	8-729-900-63	TRANSISTOR DTA124ES
Q811	8-729-900-63	TRANSISTOR DTA124ES
Q814	8-729-900-63	(AV501:US)...TRANSISTOR DTA124ES
Q815	8-729-900-63	TRANSISTOR DTA124ES
Q816	8-729-900-63	TRANSISTOR DTA124ES
Q817	8-729-900-63	TRANSISTOR DTA124ES
Q818	8-729-900-63	TRANSISTOR DTA124ES
Q819	8-729-900-36	(AV501/AV601)...TRANSISTOR DTC124ES
Q820	8-729-900-63	(AV501/AV601)...TRANSISTOR DTA124ES
Q821	8-729-900-36	TRANSISTOR DTC124ES
Q822	8-729-900-63	TRANSISTOR DTA124ES
Q823	8-729-900-36	(AV601)...TRANSISTOR DTC124ES
Q824	8-729-900-63	(AV601)...TRANSISTOR DTA124ES
Q825	8-729-900-63	TRANSISTOR DTA124ES
Q826	8-729-900-63	TRANSISTOR DTA124ES
Q827	8-729-900-63	(AV601)...TRANSISTOR DTA124ES
Q901	8-729-620-05	TRANSISTOR 2SC2603-EF
Q902	8-729-209-15	TRANSISTOR 2SD2012
Q903	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q904	8-729-620-05	TRANSISTOR 2SC2603-EF
Q905	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q906	8-729-620-05	TRANSISTOR 2SC2603-EF
Q998	8-729-620-05	(AV601)...TRANSISTOR 2SC2603-EF
Q999	8-729-620-05	(EXCEPT AV501:US,Canadian) ...TRANSISTOR 2SC2603-EF
R100	1-249-418-11	(AV501R:WG)...CARBON 1.2K 5% 1/4W
R102	1-249-411-11	CARBON 330 5% 1/4W
R103	1-249-437-11	CARBON 47K 5% 1/4W
R104	1-249-416-11	CARBON 820 5% 1/4W
R105	1-247-897-11	CARBON 560K 5% 1/4W
R106	1-249-437-11	CARBON 47K 5% 1/4W
R107	1-249-441-11	CARBON 100K 5% 1/4W
R108	1-249-409-11	CARBON 220 5% 1/4W
R109	1-249-418-11	CARBON 1.2K 5% 1/4W
R110	1-249-418-11	CARBON 1.2K 5% 1/4W
R111	1-249-413-11	CARBON 470 5% 1/4W
R112	1-249-418-11	CARBON 1.2K 5% 1/4W

Ref.No.	Part No.	Description
R113	1-249-418-11	CARBON 1.2K 5% 1/4W
R114	1-249-413-11	CARBON 470 5% 1/4W
R115	1-249-418-11	CARBON 1.2K 5% 1/4W
R116	1-249-413-11	CARBON 470 5% 1/4W
R117	1-249-418-11	CARBON 1.2K 5% 1/4W
R118	1-249-413-11	CARBON 470 5% 1/4W
R119	1-249-418-11	CARBON 1.2K 5% 1/4W
R120	1-249-437-11	(AV601)...CARBON 47K 5% 1/4W
R121	1-249-437-11	(AV601)...CARBON 47K 5% 1/4W
R122	1-249-437-11	(AV601)...CARBON 47K 5% 1/4W
R123	1-249-437-11	(AV601)...CARBON 47K 5% 1/4W
R124	1-249-429-11	CARBON 10K 5% 1/4W
R125	1-249-437-11	CARBON 47K 5% 1/4W
R126	1-249-418-11	CARBON 1.2K 5% 1/4W
R126A	1-249-421-11	CARBON 2.2K 5% 1/4W
R150	1-249-418-11	(AV501R:WG)...CARBON 1.2K 5% 1/4W
R152	1-249-411-11	CARBON 330 5% 1/4W
R153	1-249-437-11	CARBON 47K 5% 1/4W
R154	1-249-416-11	CARBON 820 5% 1/4W
R155	1-247-897-11	CARBON 560K 5% 1/4W
R156	1-249-437-11	CARBON 47K 5% 1/4W
R157	1-249-441-11	CARBON 100K 5% 1/4W
R158	1-249-409-11	CARBON 220 5% 1/4W
R159	1-249-418-11	CARBON 1.2K 5% 1/4W
R160	1-249-418-11	CARBON 1.2K 5% 1/4W
R161	1-249-413-11	CARBON 470 5% 1/4W
R162	1-249-418-11	CARBON 1.2K 5% 1/4W
R163	1-249-418-11	CARBON 1.2K 5% 1/4W
R164	1-249-413-11	CARBON 470 5% 1/4W
R165	1-249-418-11	CARBON 1.2K 5% 1/4W
R166	1-249-413-11	CARBON 470 5% 1/4W
R167	1-249-418-11	CARBON 1.2K 5% 1/4W
R168	1-249-413-11	CARBON 470 5% 1/4W
R169	1-249-418-11	CARBON 1.2K 5% 1/4W
R170	1-249-437-11	(AV601)...CARBON 47K 5% 1/4W
R171	1-249-437-11	(AV601)...CARBON 47K 5% 1/4W
R172	1-249-437-11	(AV601)...CARBON 47K 5% 1/4W
R173	1-249-437-11	(AV601)...CARBON 47K 5% 1/4W
R175	1-249-437-11	CARBON 47K 5% 1/4W
R176	1-249-418-11	CARBON 1.2K 5% 1/4W
R176A	1-249-421-11	CARBON 2.2K 5% 1/4W
R200	1-247-804-11	CARBON 75 5% 1/4W
R201	1-247-804-11	CARBON 75 5% 1/4W
R202	1-247-804-11	CARBON 75 5% 1/4W
R203	1-249-403-11	CARBON 68 5% 1/4W
R204	1-249-429-11	CARBON 10K 5% 1/4W
R205	1-249-403-11	CARBON 68 5% 1/4W
R206	1-249-429-11	CARBON 10K 5% 1/4W
R207	1-249-403-11	CARBON 68 5% 1/4W
R208	1-249-429-11	CARBON 10K 5% 1/4W
R209	1-249-405-11	CARBON 100 5% 1/4W
R210	1-249-405-11	CARBON 100 5% 1/4W
R211	1-249-405-11	CARBON 100 5% 1/4W
R212	1-249-405-11	CARBON 100 5% 1/4W
R213	1-249-405-11	CARBON 100 5% 1/4W
R214	1-249-417-11	CARBON 1K 5% 1/4W
R215	1-249-435-11	CARBON 33K 5% 1/4W

Ref.No.	Part No.	Description
R216	1-249-439-11	CARBON 68K 5% 1/4W
R217	1-247-804-11	CARBON 75 5% 1/4W
R300	1-249-417-11	CARBON 1K 5% 1/4W
R301	1-249-417-11	CARBON 1K 5% 1/4W
R302	1-249-438-11	CARBON 56K 5% 1/4W
R303	1-249-438-11	CARBON 56K 5% 1/4W
R304	1-249-429-11	CARBON 10K 5% 1/4W
R305	1-249-429-11	CARBON 10K 5% 1/4W
R307	1-249-429-11	CARBON 10K 5% 1/4W
R308	1-249-429-11	CARBON 10K 5% 1/4W
R309	1-249-429-11	CARBON 10K 5% 1/4W
R310	1-249-429-11	CARBON 10K 5% 1/4W
R311	1-249-429-11	CARBON 10K 5% 1/4W
R312	1-249-429-11	CARBON 10K 5% 1/4W
R314	1-247-887-00	CARBON 220K 5% 1/4W
R315	1-247-887-00	CARBON 220K 5% 1/4W
R316	1-249-425-11	(AV501R).....CARBON 2.2K 5% 1/4W
R316	1-249-436-11	(AV501/AV601)...CARBON 39K 5% 1/4W
R317	1-249-425-11	(AV501R).....CARBON 2.2K 5% 1/4W
R317	1-249-436-11	(AV501/AV601)...CARBON 39K 5% 1/4W
R318	1-249-425-11	CARBON 4.7K 5% 1/4W
R319	1-249-425-11	CARBON 4.7K 5% 1/4W
R320	1-249-421-11	CARBON 2.2K 5% 1/4W
R321	1-249-421-11	CARBON 2.2K 5% 1/4W
R322	1-247-903-00	(AV501/AV601)...CARBON 1M 5% 1/4W
R323	1-247-903-00	(AV501/AV601)...CARBON 1M 5% 1/4W
R324	1-249-405-11	(AV501/AV601)...CARBON 100 5% 1/4W
R325	1-249-405-11	AV501/AV601)...CARBON 100 5% 1/4W
R326	1-249-438-11	(AV501/AV601)...CARBON 56K 5% 1/4W
R327	1-249-438-11	(AV501/AV601)...CARBON 56K 5% 1/4W
R328	1-249-412-11	(AV501/AV601)...CARBON 390 5% 1/4W
R329	1-249-412-11	(AV501/AV601)...CARBON 390 5% 1/4W
R330	1-249-426-11	(AV501/AV601)...CARBON 5.6K 5% 1/4W
R331	1-249-426-11	(AV501/AV601)...CARBON 5.6K 5% 1/4W
R332	1-249-441-11	(AV501/AV601)...CARBON 100K 5% 1/4W
R333	1-249-441-11	(AV501/AV601)...CARBON 100K 5% 1/4W
R334	1-249-441-11	(AV501/AV601)...CARBON 100K 5% 1/4W
R335	1-249-429-11	(AV501/AV601)...CARBON 10K 5% 1/4W
R336	1-249-441-11	(AV501/AV601)...CARBON 100K 5% 1/4W
R337	1-249-437-11	(AV501/AV601)...CARBON 47K 5% 1/4W
R338	1-249-425-11	CARBON 4.7K 5% 1/4W
R339	1-249-425-11	CARBON 4.7K 5% 1/4W
R340	1-249-434-11	CARBON 27K 5% 1/4W
R341	1-249-431-11	CARBON 15K 5% 1/4W
R342	1-247-855-11	CARBON 10K 5% 1/4W
R343	1-247-903-00	CARBON 1M 5% 1/4W
R344	1-249-431-11	CARBON 15K 5% 1/4W
R346	1-249-431-11	CARBON 15K 5% 1/4W
R347	1-249-422-11	CARBON 2.7K 5% 1/4W
R348	1-247-885-00	CARBON 180K 5% 1/4W
R349	1-247-889-00	CARBON 270K 5% 1/4W
R350	1-249-437-11	CARBON 47K 5% 1/4W
R352	1-249-435-11	CARBON 33K 5% 1/4W
R353	1-249-439-11	CARBON 68K 5% 1/4W
R354	1-249-433-11	CARBON 22K 5% 1/4W
R355	1-249-433-11	CARBON 22K 5% 1/4W
R356	1-249-408-11	CARBON 180 5% 1/4W

Ref.No.	Part No.	Description				
R357	1-249-423-11	CARBON	3.3K	5%	1/4W	
R358	1-249-409-11	CARBON	220	5%	1/4W	
R359	1-249-409-11	CARBON	220	5%	1/4W	
R360	1-249-417-11	CARBON	1K	5%	1/4W	
R361	1-249-417-11	CARBON	1K	5%	1/4W	
R362	1-249-441-11	CARBON	100K	5%	1/4W	
R363	1-249-441-11	CARBON	100K	5%	1/4W	
R364	1-249-429-11	CARBON	10K	5%	1/4W	
R365	1-249-429-11	CARBON	10K	5%	1/4W	
R366	1-249-441-11	CARBON	100K	5%	1/4W	
R367	1-249-441-11	CARBON	100K	5%	1/4W	
R368	1-249-417-11	CARBON	1K	5%	1/4W	
R369	1-249-417-11	CARBON	1K	5%	1/4W	
R370	1-247-881-00	(AV601)...CARBON	120K	5%	1/4W	
R371	1-249-422-11	(AV601)...CARBON	2.7K	5%	1/4W	
R372	1-249-417-11	(AV601)...CARBON	1K	5%	1/4W	
R373	1-249-422-11	(AV601)...CARBON	2.7K	5%	1/4W	
R374	1-249-417-11	(AV601)...CARBON	1K	5%	1/4W	
R375	1-249-421-11	CARBON	2.2K	5%	1/4W	
R376	1-249-421-11	(AV601)...CARBON	2.2K	5%	1/4W	
R377	1-249-437-11	CARBON	47K	5%	1/4W	
R400	1-247-903-00	CARBON	1M	5%	1/4W	
R401	1-249-426-11	CARBON	5.6K	5%	1/4W	
R402	1-249-421-11	CARBON	2.2K	5%	1/4W	
R403	1-247-903-00	CARBON	1M	5%	1/4W	
R404	1-247-870-11	CARBON	43K	5%	1/4W	
R405	1-249-436-11	CARBON	39K	5%	1/4W	
R406	1-247-852-11	CARBON	7.5K	5%	1/4W	
R409	1-249-405-11	CARBON	100	5%	1/4W	
R410	1-249-437-11	CARBON	47K	5%	1/4W	
R411	1-249-415-11	CARBON	680	5%	1/4W	
R412	1-249-437-11	CARBON	47K	5%	1/4W	
R413	1-249-429-11	CARBON	10K	5%	1/4W	
R414	1-249-420-11	CARBON	1.8K	5%	1/4W	
R450	1-247-903-00	CARBON	1M	5%	1/4W	
R451	1-249-426-11	CARBON	5.6K	5%	1/4W	
R452	1-249-421-11	CARBON	2.2K	5%	1/4W	
R453	1-247-903-00	CARBON	1M	5%	1/4W	
R454	1-247-870-11	CARBON	43K	5%	1/4W	
R455	1-249-436-11	CARBON	39K	5%	1/4W	
R456	1-247-852-11	CARBON	7.5K	5%	1/4W	
R460	1-249-437-11	CARBON	47K	5%	1/4W	
R461	1-249-415-11	CARBON	680	5%	1/4W	
R462	1-249-437-11	CARBON	47K	5%	1/4W	
R463	1-249-429-11	CARBON	10K	5%	1/4W	
R464	1-249-420-11	CARBON	1.8K	5%	1/4W	
R500	1-249-417-11	CARBON	1K	5%	1/4W	
R501	1-249-425-11	CARBON	4.7K	5%	1/4W	
R502	1-249-434-11	CARBON	27K	5%	1/4W	
R503	1-249-441-11	CARBON	100K	5%	1/4W	
R504	1-249-421-11	CARBON	2.2K	5%	1/4W	
R505	1-249-429-11	CARBON	10K	5%	1/4W	
R506	1-249-435-11	CARBON	33K	5%	1/4W	
R507	1-249-433-11	CARBON	22K	5%	1/4W	
R508	1-249-411-11	CARBON	330	5%	1/4W	
R509 ⚠	1-247-704-11	CARBON	220	5%	1/4W	F
R510 ⚠	1-247-704-11	CARBON	220	5%	1/4W	F

Ref.No.	Part No.	Description				
R511	1-249-435-11	CARBON	33K	5%	1/4W	
R512	1-249-441-11	CARBON	100K	5%	1/4W	
R513	1-249-420-11	CARBON	1.8K	5%	1/4W	
R514 ⚠	1-247-692-11	CARBON	22	5%	1/4W	F
R515	1-249-423-11	CARBON	3.3K	5%	1/4W	
R516	1-249-417-11	CARBON	1K	5%	1/4W	
R517 ⚠	1-247-692-11	CARBON	22	5%	1/4W	F
R518 ⚠	1-247-700-11	CARBON	100	5%	1/4W	F
R519 ⚠	1-247-700-11	CARBON	100	5%	1/4W	F
R520 ⚠	1-247-719-11	CARBON	3.3K	5%	1/4W	F
R521 ⚠	1-247-713-11	CARBON	1K	5%	1/4W	F
R522 ⚠	1-247-713-11	CARBON	1K	5%	1/4W	F
R523 ⚠	1-247-717-11	CARBON	2.2K	5%	1/4W	F
R524 ⚠	1-247-745-11	CARBON	330	5%	1/2W	F
R525 ⚠	1-249-455-11	CARBON	4.7	5%	1/4W	F
R526 ⚠	1-249-455-11	CARBON	4.7	5%	1/4W	F
R527	1-217-156-00	RES, METAL PLATE 0.22				
R528	1-217-156-00	RES, METAL PLATE 0.22				
R529 ⚠	1-249-455-11	(AV501:E/AV601)..CARBON 4.7		5%	1/4W	F
R530 ⚠	1-249-455-11	(AV501:E/AV601)..CARBON 4.7		5%	1/4W	F
R531	1-217-156-00	(AV501:E/AV601)..RES, METAL PLATE 0.22				
R532	1-217-156-00	(AV501:E/AV601)..RES, METAL PLATE 0.22				
R533 ⚠	1-247-700-11	CARBON	100	5%	1/4W	F
R534	1-249-433-11	CARBON	22K	5%	1/4W	
R535	1-247-727-11	CARBON	10	5%	1/2W	
R536	1-247-727-11	CARBON	10	5%	1/2W	
R537	1-249-437-11	CARBON	47K	5%	1/4W	
R541 ⚠	1-216-431-11	METAL OXIDE	560	5%	1W	F
R550	1-249-417-11	CARBON	1K	5%	1/4W	
R551	1-249-425-11	CARBON	4.7K	5%	1/4W	
R552	1-249-434-11	CARBON	27K	5%	1/4W	
R553	1-249-441-11	CARBON	100K	5%	1/4W	
R554	1-249-421-11	CARBON	2.2K	5%	1/4W	
R555	1-249-429-11	CARBON	10K	5%	1/4W	
R556	1-249-435-11	CARBON	33K	5%	1/4W	
R557	1-249-433-11	CARBON	22K	5%	1/4W	
R558	1-249-411-11	CARBON	330	5%	1/4W	
R559 ⚠	1-247-704-11	CARBON	220	5%	1/4W	F
R560 ⚠	1-247-704-11	CARBON	220	5%	1/4W	F
R561	1-249-435-11	CARBON	33K	5%	1/4W	
R562	1-249-441-11	CARBON	100K	5%	1/4W	
R563	1-249-420-11	CARBON	1.8K	5%	1/4W	
R564 ⚠	1-247-692-11	CARBON	22	5%	1/4W	F
R565	1-249-423-11	CARBON	3.3K	5%	1/4W	
R566	1-249-417-11	CARBON	1K	5%	1/4W	
R567 ⚠	1-247-692-11	CARBON	22	5%	1/4W	F
R568 ⚠	1-247-700-11	CARBON	100	5%	1/4W	F
R569 ⚠	1-247-700-11	CARBON	100	5%	1/4W	F
R570 ⚠	1-247-719-11	CARBON	3.3K	5%	1/4W	F
R571 ⚠	1-247-713-11	CARBON	1K	5%	1/4W	F
R572 ⚠	1-247-713-11	CARBON	1K	5%	1/4W	F
R573 ⚠	1-247-717-11	CARBON	2.2K	5%	1/4W	F
R574 ⚠	1-247-745-11	CARBON	330	5%	1/2W	F
R575 ⚠	1-249-455-11	CARBON	4.7	5%	1/4W	F
R576 ⚠	1-249-455-11	CARBON	4.7	5%	1/4W	F
R577	1-217-156-00	RES, METAL PLATE 0.22				
R578	1-217-156-00	RES, METAL PLATE 0.22				

Note:
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Replace only with part number specified.

Note:
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Ref.No.	Part No.	Description
R579 ⚠	1-249-455-11	(AV501:E/AV601)..CARBON 4.7 5% 1/4W F
R580 ⚠	1-249-455-11	(AV501:E/AV601)..CARBON 4.7 5% 1/4W F
R581	1-217-156-00	(AV501:E/AV601)..RES, METAL PLATE 0.22
R582	1-217-156-00	(AV501:E/AV601)..RES, METAL PLATE 0.22
R583 ⚠	1-247-700-11	CARBON 100 5% 1/4W F
R584	1-249-433-11	CARBON 22K 5% 1/4W
R585	1-247-727-11	CARBON 10 5% 1/2W
R586	1-247-727-11	CARBON 10 5% 1/2W
R587	1-249-438-11	CARBON 56K 5% 1/4W
R591 ⚠	1-216-431-11	METAL OXIDE 560 5% 1W F
R600	1-217-151-00	RES, METAL PLATE 0.22
R601	1-247-727-11	CARBON 10 5% 1/2W
R602	1-249-437-11	CARBON 47K 5% 1/4W
R603	1-247-727-11	CARBON 10 5% 1/2W
R604 ⚠	1-247-704-11	CARBON 220 5% 1/4W F
R605	1-249-428-11	CARBON 8.2K 5% 1/4W
R610	1-249-437-11	CARBON 47K 5% 1/4W
R611	1-249-417-11	CARBON 1K 5% 1/4W
R612	1-249-437-11	CARBON 47K 5% 1/4W
R613	1-249-413-11	CARBON 470 5% 1/4W
R614	1-249-437-11	CARBON 47K 5% 1/4W
R615	1-249-424-11	CARBON 3.9K 5% 1/4W
R620	1-249-437-11	(AV601)...CARBON 47K 5% 1/4W
R621	1-249-417-11	(AV601)...CARBON 1K 5% 1/4W
R622	1-249-437-11	(AV601)...CARBON 47K 5% 1/4W
R623	1-249-413-11	(AV601)...CARBON 470 5% 1/4W
R624	1-249-437-11	(AV601)...CARBON 47K 5% 1/4W
R625	1-249-424-11	(AV601)...CARBON 3.9K 5% 1/4W
R650	1-217-151-00	(AV601)...RES, METAL PLATE 0.22
R651	1-247-727-11	(AV601)...CARBON 10 5% 1/2W
R652	1-249-438-11	(AV601)...CARBON 56K 5% 1/4W
R653	1-247-727-11	(AV601)...CARBON 10 5% 1/2W
R654 ⚠	1-247-704-11	(AV601)...CARBON 220 5% 1/4W F
R655	1-249-428-11	AV601)...CARBON 8.2K 5% 1/4W
R700	1-249-427-11	CARBON 6.8K 5% 1/4W
R701	1-249-441-11	CARBON 100K 5% 1/4W
R702	1-249-429-11	CARBON 10K 5% 1/4W
R703	1-249-429-11	CARBON 10K 5% 1/4W
R704	1-249-438-11	CARBON 56K 5% 1/4W
R705	1-249-429-11	CARBON 10K 5% 1/4W
R706	1-249-429-11	CARBON 10K 5% 1/4W
R707	1-249-405-11	CARBON 100 5% 1/4W
R708	1-249-402-11	CARBON 56 5% 1/4W
R709	1-249-425-11	CARBON 4.7K 5% 1/4W
R710	1-249-429-11	CARBON 10K 5% 1/4W
R711	1-249-429-11	CARBON 10K 5% 1/4W
R713	1-247-847-11	(AV601)...CARBON 4.7K 5% 1/4W
R712	1-249-425-11	CARBON 4.7K 5% 1/4W
R800	1-249-430-11	(AV501:US)...CARBON 12K 5% 1/4W
R801	1-249-408-11	CARBON 180 5% 1/4W
R802	1-249-408-11	CARBON 180 5% 1/4W
R803	1-249-408-11	CARBON 180 5% 1/4W
R804	1-249-408-11	CARBON 180 5% 1/4W
R805	1-249-408-11	CARBON 180 5% 1/4W
R806	1-249-408-11	CARBON 180 5% 1/4W
R807	1-249-408-11	CARBON 180 5% 1/4W
R808	1-249-408-11	CARBON 180 5% 1/4W
R809	1-249-408-11	CARBON 180 5% 1/4W
R810	1-249-408-11	CARBON 180 5% 1/4W
R811	1-249-408-11	CARBON 180 5% 1/4W
R812	1-249-408-11	CARBON 180 5% 1/4W
R813	1-249-393-11	(AV501:US)...CARBON 10 5% 1/4W
R814	1-249-408-11	CARBON 180 5% 1/4W
R815	1-249-408-11	CARBON 180 5% 1/4W
R816	1-249-408-11	CARBON 180 5% 1/4W
R817	1-247-806-11	CARBON 91 5% 1/4W
R818	1-249-408-11	CARBON 180 5% 1/4W
R819	1-249-408-11	CARBON 180 5% 1/4W
R820	1-249-408-11	CARBON 180 5% 1/4W
R821	1-249-408-11	CARBON 180 5% 1/4W
R822	1-249-408-11	CARBON 180 5% 1/4W
R823	1-249-408-11	CARBON 180 5% 1/4W
R824	1-249-408-11	CARBON 180 5% 1/4W
R825	1-249-408-11	CARBON 180 5% 1/4W
R826	1-249-408-11	CARBON 180 5% 1/4W
R827	1-249-408-11	(AV501:E/AV501R)...CARBON 180 5% 1/4W
R828	1-247-895-00	CARBON 470K 5% 1/4W
R829	1-249-405-11	CARBON 100 5% 1/4W
R830	1-249-429-11	CARBON 10K 5% 1/4W
R831	1-249-417-11	CARBON 1K 5% 1/4W
R832	1-249-429-11	CARBON 10K 5% 1/4W
R833	1-249-429-11	(AV601)...CARBON 10K 5% 1/4W
R834	1-249-393-11	CARBON 10 5% 1/4W
R835	1-249-417-11	CARBON 1K 5% 1/4W
R836	1-249-425-11	(AV601)...CARBON 4.7K 5% 1/4W
R837	1-249-429-11	CARBON 10K 5% 1/4W
R838	1-249-433-11	CARBON 22K 5% 1/4W
R839	1-249-433-11	CARBON 22K 5% 1/4W
R840	1-249-433-11	CARBON 22K 5% 1/4W
R841	1-249-437-11	CARBON 47K 5% 1/4W
R842	1-249-437-11	CARBON 47K 5% 1/4W
R843	1-249-433-11	CARBON 22K 5% 1/4W
R844	1-249-433-11	CARBON 22K 5% 1/4W
R845	1-249-433-11	CARBON 22K 5% 1/4W
R846	1-249-433-11	CARBON 22K 5% 1/4W
R847	1-249-437-11	CARBON 47K 5% 1/4W
R849	1-249-437-11	(AV501R)...CARBON 47K 5% 1/4W
R850	1-249-425-11	(AV601)...CARBON 4.7K 5% 1/4W
R851	1-249-429-11	CARBON 10K 5% 1/4W
R852	1-249-429-11	CARBON 10K 5% 1/4W
R853	1-249-429-11	(EXCEPT AV601)...CARBON 10K 5% 1/4W
R854	1-249-437-11	(AV601)...CARBON 47K 5% 1/4W
R855	1-249-437-11	CARBON 47K 5% 1/4W
R856	1-249-437-11	CARBON 47K 5% 1/4W
R857	1-247-903-00	CARBON 1M 5% 1/4W
R858	1-249-437-11	(AV601)...CARBON 47K 5% 1/4W
R859	1-249-417-11	(AV601)...CARBON 1K 5% 1/4W
R860	1-249-429-11	CARBON 10K 5% 1/4W
R880	1-249-425-11	(AV501/AV601)...CARBON 4.7K 5% 1/4W
R881	1-249-433-11	CARBON 22K 5% 1/4W
R882	1-249-433-11	(AV501/AV601)...CARBON 22K 5% 1/4W
R883	1-249-441-11	CARBON 100K 5% 1/4W
R884	1-249-425-11	CARBON 4.7K 5% 1/4W
R885	1-249-433-11	(AV501/AV601)...CARBON 22K 5% 1/4W

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Ref.No.	Part No.	Description
R886	1-249-417-11	CARBON 1K 5% 1/4W
R887	1-249-417-11	CARBON 1K 5% 1/4W
R888	1-249-429-11	CARBON 10K 5% 1/4W
R898	1-249-429-11	(AV601)...CARBON 10K 5% 1/4W
R899	1-249-437-11	(AV601)...CARBON 47K 5% 1/4W
R901	1-249-425-11	CARBON 4.7K 5% 1/4W
R902	1-249-396-11	CARBON 18 5% 1/4W
R903	1-249-417-11	CARBON 1K 5% 1/4W
R904	1-249-437-11	CARBON 47K 5% 1/4W
R905	1-249-437-11	CARBON 47K 5% 1/4W
R906	1-249-429-11	CARBON 10K 5% 1/4W
R907	1-249-417-11	CARBON 1K 5% 1/4W
R908	1-249-429-11	CARBON 10K 5% 1/4W
R909	1-249-426-11	CARBON 5.6K 5% 1/4W
R910	1-249-426-11	CARBON 5.6K 5% 1/4W
R911	1-249-417-11	CARBON 1K 5% 1/4W
R912 ⚠	1-217-469-00	FUSIBLE 1 5% 1W F
R913 ⚠	1-217-469-00	FUSIBLE 1 5% 1W F
R914	1-249-385-11	CARBON 2.2 5% 1/4W
R915	1-249-385-11	CARBON 2.2 5% 1/4W
R916	1-249-385-11	CARBON 2.2 5% 1/4W
R917	1-249-385-11	CARBON 2.2 5% 1/4W
R991	1-249-417-11	(AV501/AV601)...CARBON 1K 5% 1/4W
RV301	1-238-777-11	RES, VAR, CARBON 250K (INPUT BALANCE)
RV400	1-241-022-11	RES, VAR, CARBON 150K/150K (BALANCE)
RV401	1-238-962-11	RES, VAR, CARBON 250K/250K (TREBLE)
RV402	1-238-961-11	RES, VAR, CARBON 250K/250K (BASS)
RV403	1-238-959-11	RES, VAR, CARBON 120K/120K/120K (MASTER VOLUME)
RV500	1-230-717-11	RES, ADJ, CARBON 470
RV550	1-230-717-11	RES, ADJ, CARBON 470
RY700	1-515-356-00	RELAY
RY701	1-515-533-11	RELAY
RY702	1-515-533-11	(AV601)...RELAY
RY901	1-515-701-11	RELAY
S1 ⚠	1-571-515-11	(AV501:E)...SWITCH, POWER VOLTAGE SELECTION
S500	1-572-395-11	SWITCH, PUSH (2 KEY)(SPEAKER)
S801	1-554-303-21	SWITCH, KEY BOARD (VIDEO 1)
S802	1-554-303-21	SWITCH, KEY BOARD (VIDEO 2)
S803	1-554-303-21	SWITCH, KEY BOARD (VIDEO 3/VDP)
S804	1-554-303-21	SWITCH, KEY BOARD (VIDEO 4)
S805	1-554-303-21	SWITCH, KEY BOARD (TAPE/DAT)
S806	1-554-303-21	SWITCH, KEY BOARD (CD)

Ref.No.	Part No.	Description
S807	1-554-303-21	SWITCH, KEY BOARD (TUNER)
S808	1-554-303-21	SWITCH, KEY BOARD (PHONO)
S809	1-554-303-21	SWITCH, KEY BOARD (OFF)
S810	1-554-303-21	SWITCH, KEY BOARD (DOLBY)
S811	1-554-303-21	SWITCH, KEY BOARD (HALL)
S812	1-554-303-21	SWITCH, KEY BOARD (SIMULATED)
S813	1-554-303-21	SWITCH, KEY BOARD (DELAY TIME)
S814	1-554-303-21	SWITCH, KEY BOARD (DBFB)
S815	1-554-303-21	SWITCH, KEY BOARD (SURROUND LEVEL +)
S816	1-554-303-21	SWITCH, KEY BOARD (SURROUND LEVEL -)
S817	1-554-303-21	SWITCH, KEY BOARD (DRLC/POWER)
S821	1-554-303-21	SWITCH, KEY BOARD (SYSTEM POWER)
T1 ⚠	1-450-108-11	(AV601).....TRANSFORMER, POWER
T1 ⚠	1-450-109-11	(AV501:US,Canadian) ...TRANSFORMER, POWER
T1 ⚠	1-450-110-11	(AV501:E).....TRANSFORMER, POWER
T1 ⚠	1-450-111-11	(AV501R:AEP,UK)...TRANSFORMER, POWER
T1 ⚠	1-450-112-11	(AV501R,WG).....TRANSFORMER, POWER
T2 ⚠	1-449-296-11	(AV501:US,Canadian/AV601) ...TRANSFORMER, POWER
T2 ⚠	1-449-297-11	(AV501R).....TRANSFORMER, POWER
T2 ⚠	1-449-299-11	(AV501:E)....TRANSFORMER, POWER
TM500	1-536-706-00	TERMINAL BOARD (SP)
TM501	1-537-156-21	TERMINAL BOARD (SPEAKER)
TM502	1-537-156-21	(AV601)...TERMINAL BOARD (SPEAKER)
X300	1-567-818-21	VIBRATOR, CERAMIC 3.58MHz
X800	1-567-775-11	VIBRATOR, CERAMIC 4.19MHz
X52MM	*1-535-303-00	WIRE, JUMPER

ACCESSORY & PACKING MATERIAL

1-465-418-11	REMOTE COMMANDER (RM-P302)
3-751-792-11	(ENGLISH/F/E/P)(AV501R:UK,AEP/AV501:E) ...MAMUAL, INSTRUCTION
3-751-792-21	(ENGLISH)(AV501/AV601:US) ...MAMUAL, INSTRUCTION
3-751-792-31	(FRENCH)(AV501:Canadian) ...MAMUAL, INSTRUCTION
3-751-792-41	(D/NL/S/I)(AV501R)...MAMUAL, INSTRUCTION
4-915-702-01	LABEL, CAUTION, DLBY SURROUND
*4-927-885-01	CUSHION
*4-927-887-01	(AV501:E)...INDIVIDUAL CARTON
*4-927-888-01	(AV601).....INDIVIDUAL CARTON
*4-927-891-01	(AV501R)....INDIVIDUAL CARTON

F : FRENCH D : GERMAN
E : SPANISH NL : DUTCH
P : PORTUGUESE S : SWEDISH
I : ITALIAN

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Replace only with part number specified.

Note:
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

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